

Acknowledgments

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Introduction

Background

The Atlantic Canada social studies curriculum was planned and developed by regional committees whose deliberations were guided by considerations of the learners and input from teachers. The regional committees consisted of teachers, other educators, and consultants with a diverse range of experiences and backgrounds in education. Each curriculum level was strongly influenced by current social studies research as well as developmentally appropriate pedagogy.

Aim of Social Studies

The vision for the Atlantic Canada social studies curriculum is to enable and encourage students to examine issues, respond critically and creatively, and make informed decisions as individuals and as citizens of Canada and of an increasingly interdependent world.

An effective social studies curriculum prepares students to achieve all essential graduation learnings. In particular, social studies, more than any other curriculum area, is vital in developing citizenship. Social studies embodies the main principles of democracy, such as freedom, equality, human dignity, justice, rule of law, and civic rights and responsibilities. It provides opportunities for students to explore multiple approaches that may be used to analyse and interpret their own world and the world of others. Social studies presents unique and particular ways for students to view the interrelationships among Earth, its people, and its systems. The knowledge, skills, and attitudes developed through the social studies curriculum empower students to be informed, responsible citizens of Canada and the world, and to participate in the democratic process to improve society.

In particular, the social studies curriculum

- integrates the concepts, processes and ways of thinking drawn from the diverse disciplines of history and the social sciences, including geography, economics, political science, sociology, and anthropology—it also draws from the humanities, literature, and the pure sciences
- provides the multidisciplinary lens through which students examine issues affecting their lives from personal, provincial, national, academic, pluralistic, and global perspectives

Purpose of Curriculum Guide

This curriculum guide is intended to advance social studies education and to improve social studies teaching and learning, while recognizing and validating the effective practices that already exist in many classrooms.

This curriculum guide has three purposes.

- Outline detailed curriculum outcomes to which educators and others can refer when making decisions concerning learning experiences, instructional techniques, and assessment strategies in the kindergarten social studies program.
- Inform both educators and members of the general public about the philosophy and scope of social studies education for the primary level in the Atlantic Provinces.
- Promote the effective learning and teaching of social studies for students enrolled in kindergarten classrooms.

Guiding Principles

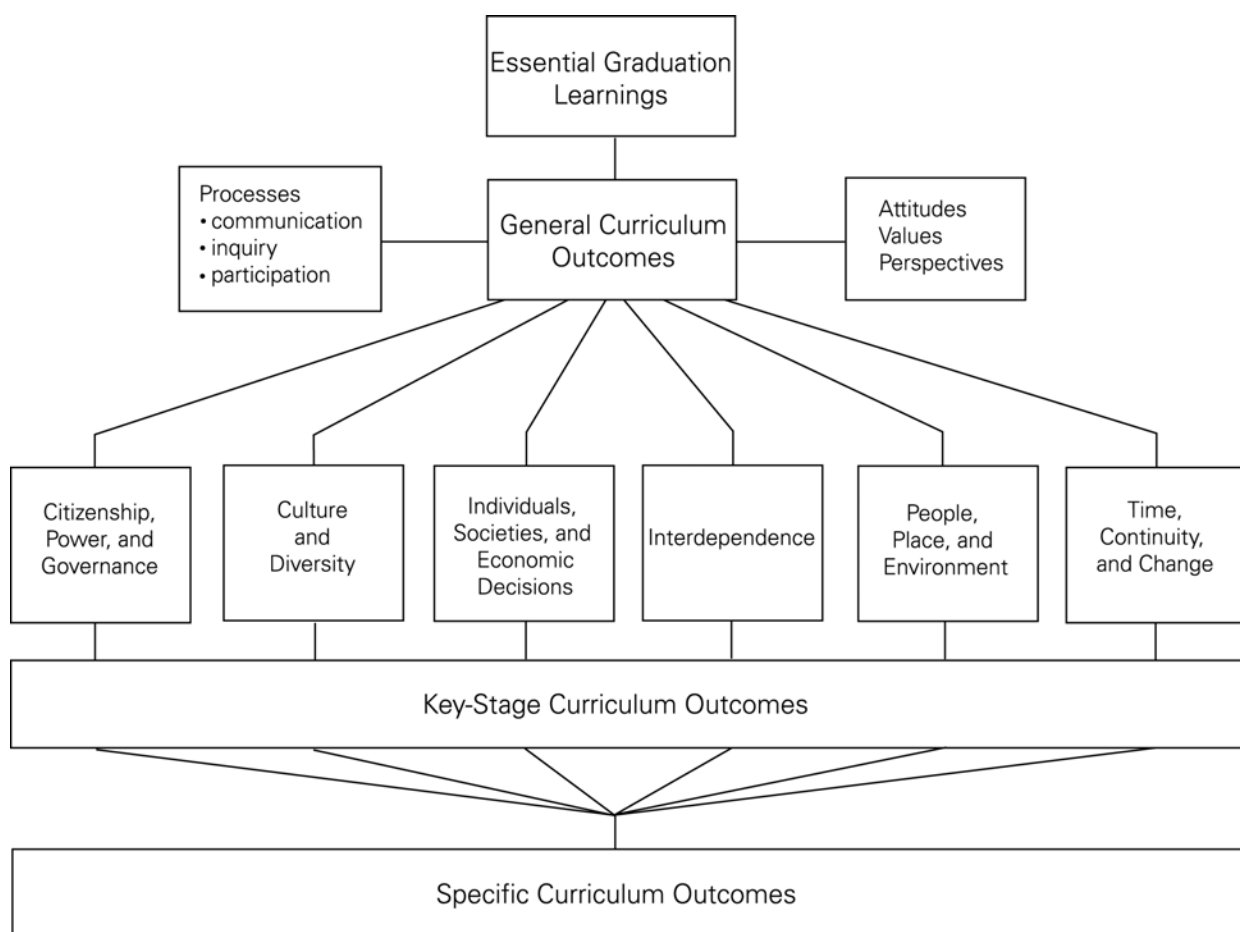
All kindergarten to grade 8/9 curricula and resources should reflect the principles, rationale, philosophy and content of the *Foundation for the Atlantic Canada Social Studies Curriculum* (1999) by

- being meaningful, significant, challenging, active, integrative, and issues-based
- being consistent with current research pertaining to how children learn
- incorporating multiple perspectives
- promoting the achievement of Essential Graduation Learnings (EGLs), General Curriculum Outcomes (GCOs), and Key-Stage Curriculum Outcomes (KSCO)
- reflecting a balance of local, national, and global content
- promoting achievement of the processes of communication, inquiry, and participation
- promoting literacy through the social studies
- developing knowledge, skills, and attitudes for lifelong learning
- promoting the development of informed and active citizens
- contributing to the achievement of equity and supporting diversity
- supporting the realization of an effective learning environment
- promoting opportunities for cross-curricular connections
- promoting resource-based learning
- promoting the integration of technology in learning and teaching social studies
- promoting the use of diverse learning and assessment strategies

Program Design and Components

Overview

This social studies curriculum is based on *Foundation for the Atlantic Canada Social Studies Curriculum* (1999). Specific curriculum outcomes (SCOs) were developed to be congruous with key-stage curriculum outcomes (KSCOs), general curriculum outcomes (GCOs), and essential graduation learnings (EGLs). In addition, the processes, as well as the attitudes, values, and perspectives of social studies are embedded in the SCOs.



Essential Graduation Learnings

The Atlantic Provinces worked together to identify abilities and areas of knowledge considered essential for students graduating from high school. These are referred to as essential graduation learnings. Some examples of learning in social studies that help students move toward attainment of the essential graduation learnings are given below.

Aesthetic Expression

Graduates will be able to respond with critical awareness to various forms of the arts and be able to express themselves through the arts.

By the end of grade 3, students will be expected to

- give examples of how culture is transmitted

Citizenship

Graduates will be able to assess social, cultural, economic and environmental interdependence in a local and global context.

By the end of grade 3, students will be expected to

- recognize that laws influence their personal lives

Communication

Graduates will be able to use the listening, viewing, speaking, reading, and writing modes of language(s) as well as mathematical and scientific concepts and symbols to think, learn, and communicate effectively.

By the end of grade 3, students will be expected to

- use maps, globes, and pictures to describe location and place

Personal Development

Graduates will be able to continue to learn and to pursue an active, healthy lifestyle.

By the end of grade 3, students will be expected to

- identify various factors that influence their decisions as consumers

Problem Solving

Graduates will be able to use the strategies and processes needed to solve a wide variety of problems, including those requiring language, mathematical, and scientific concepts.

By the end of grade 3, students will be expected to

- demonstrate an understanding of cause and effect and change over time

Technological Competence

Graduates will be able to use a variety of technologies, demonstrate an understanding of technological applications, and apply appropriate technologies for solving problems.

By the end of grade 3, students will be expected to

- identify and describe examples of interactions among people, technology, and the environment

General Curriculum Outcomes (Conceptual Strands)

The general curriculum outcomes (GCOs) for the social studies curriculum are organized around six conceptual strands. These general curriculum outcomes statements identify what students are expected to know and be able to do upon completion of study in social studies. Specific social studies concepts are found within the conceptual strands (see Appendix A). Examples of key-stage curriculum outcomes, by the end of grade 3, are given for each general curriculum outcome.

Citizenship, Power, and Governance

Students will be expected to demonstrate an understanding of the rights and responsibilities of citizenship and the origins, functions, and sources of power, authority, and governance.

By the end of grade 3, students will be expected to

- identify examples of their rights and responsibilities as citizens
- demonstrate an understanding of equality, human dignity, and justice

Culture and Diversity

Students will be expected to demonstrate an understanding of culture, diversity, and world view, recognizing the similarities and differences reflected in various personal, cultural, racial, and ethnic perspectives.

By the end of grade 3, students will be expected to

- identify some characteristics unique to one's self and other characteristics that all humans share
- identify groups to which they belong

Individuals, Societies, and Economic Decisions

Students will be expected to demonstrate the ability to make responsible economic decisions as individuals and as members of society.

By the end of grade 3, students will be expected to

- give examples of economic decisions made by individuals and families
- distinguish between needs and wants

Interdependence

Students will be expected to demonstrate an understanding of the interdependent relationships among individuals, societies, and the environment—locally, nationally, and globally—and the implications for a sustainable future.

By the end of grade 3, students will be expected to

- recognize and describe the interdependent nature of relationships
- identify and explore interactions among individuals, groups, and societies

**People, Place,
and Environment**

Students will be expected to demonstrate an understanding of the interactions among people, places, and the environment.

By the end of grade 3, students will be expected to

- use maps, globes, and pictures to describe location and place
- use location, distance, scale, direction, and size to describe place

**Time, Continuity,
and Change**

Students will be expected to demonstrate an understanding of the past and how it affects the present and the future.

By the end of grade 3, students will be expected to

- use basic concepts and vocabulary associated with time, continuity, and change
- demonstrate an understanding that views of the past are shaped by diverse perspectives

Processes

The social studies curriculum consists of three major processes: communication, inquiry, and participation (see Appendix B for a Process-Skills Matrix). The processes are reflected in the suggestions for learning and teaching, and the suggestions for assessment are found in social studies curriculum guides. These processes constitute many skills—some of these skills are responsibilities shared across curriculum areas while others are critical to social studies.

Communication

Communication requires that students listen, read, interpret, translate, and express ideas and information.

Inquiry

Inquiry requires that students formulate and clarify questions, investigate problems, analyse relevant information, and develop rational conclusions supported by evidence.

Participation

Participation requires that students act both independently and collaboratively in order to solve problems, make decisions, and negotiate and enact plans for action in ways that respect and value the customs, beliefs, and practices of others.

**Attitudes, Values,
and Perspectives**

Listed below are major attitudes, values and perspectives in primary social studies that have been organized according to the six conceptual strands and the three processes of the foundation document. Some attitudes, values, and perspectives are embedded in more than one strand or process—this is consistent with the integrative nature of social studies.

By Conceptual Strand**Citizenship, Power, and Governance**

- develop attitudes that balance rights with responsibilities
- recognize the purpose of law
- value the benefits of active, participatory citizenship

Culture and Diversity

- appreciate the uniqueness of each individual
- value the positive interaction between individuals and groups
- appreciate and value the traditions of cultures

Individuals, Societies, and Economic Decisions

- appreciate the wide range of economic decisions that they make and their effects
- recognize the varying impact of economic decisions on individuals and groups
- recognize the value of volunteerism to society

Interdependence

- appreciate the complexity of the interactions between human and natural systems
- recognize that their values and perspectives influence their interactions with the environment
- value the need for individual as well as collective action to support peace and sustainability

People, Place, and the Environment

- value maps, globes, and other geographic representations as valuable sources of information and learning
- appreciate and value geographic perspective and literacy
- recognize the complexity of global interdependence

Time, Continuity, and Change

- value their society's heritage
- value their family and cultural heritage
- recognize that the collective history influences the present

By Process**Communication**

- respectfully listen to others
- respect other points of view
- value the importance of communication skills

Inquiry

- appreciate that there is a variety of strategies to solve problems and make decisions
- analyse problems from a variety of different perspectives
- appreciate the value of critical and creative thinking

Participation

- value both independent and group work
- learn to recognize, analyse, and respond appropriately to discriminatory practices and behaviours
- take increasing responsibility for their own and the group's work

Contexts for Learning and Teaching

The Primary Years

The primary grades are the foundational years during which the basic curriculum concepts, values, and skills are developed.

Children are introduced to formal education that provides a necessary complement to the child's experiences at home and in the community. The primary years (K–3), the critical years for learning, may be the key to success in all other years. It is during these years that there is a shared responsibility for literacy and numeracy skills to support learning across the curriculum. Teaching strategies must be varied and always aimed at meeting individual needs and bringing children to the highest level of achievement possible.

To create a seamless, more integrated approach to learning at the primary level, it is necessary to incorporate concepts, values, and skills across all subject areas. A primary child's approach to learning is very much a hands-on, minds-on approach and therefore experiences that provide for this are critical to achievement. The primary child is very interested in the immediate environment and therefore the school environment must be stimulating and appropriately challenging.

Each child is a unique individual. Within any group of children a range of differences in rates and ways of learning, in experiences and in interests is expected and respected. Individual differences are celebrated and built upon. A viable goal for the individual is to achieve a personal best as he/she works towards excellence. Improving performance and realizing potential is more important than competition and comparisons to others.

The primary child has many ways of understanding the world. A basic need for all primary learners is to make sense of their experiences. A vision of the child as an active learner, building a personal knowledge of the world through interactions with people, materials, and ideas should guide all educational planning.

The Primary Learner

Understanding the nature of the primary learner is essential in providing a balanced education. Education, therefore, should enhance the development of the whole child. The development of children in this age group is discussed in the context of the following five dimensions:

Aesthetic

Each child has an aesthetic dimension. Children are exposed to artistic processes and products in a variety of genres and cultures. They are provided opportunities to create, perceive and communicate through the arts. Critical thinking, analysis, and problem-solving skills are developed and applied in practical learning experiences. An

appreciation for and experience in those things that constitute the arts add to children's understanding of the world, their culture and community. Children, with an aesthetic sensibility, value culture, environment, and personal surroundings.

Emotional

Each child has an emotional dimension. The primary child learns best in a safe, supportive environment. Positive feelings towards self, others, and learning are continuously promoted by the school. As children move from kindergarten to grade six, they are encouraged to become independent and more responsible for their own learning. There is a relationship between success and self-esteem. Learning is structured so that every child experiences success. Children are encouraged to become more reflective and introspective. They are given opportunities to consider ideas that are both of general and personal significance.

Intellectual

The child has an intellectual dimension. Intellectual development is the process of deriving meaning from experience through acquiring and constructing knowledge. The ultimate goal is that children develop strategies that will help them solve complex problems. They learn to reason and communicate effectively and take responsibility for their own learning. They ask questions and question the answers. They develop an understanding of how human beings know and comprehend. They become thoughtful and reflective learners.

Primary children are generally functioning at a more concrete level intellectually and the general progression from concrete experiences to semi-concrete to abstract is the most effective way of meeting the learning needs of young children. Primary children are usually very literal in their interpretations and adults working with them must be aware of this.

Physical

The child has a physical dimension. Physical well-being is essential to living and learning. Opportunities for movement and the development of a variety of motor skills are provided, and development of respect for the body and the desire to care for it are promoted. The curriculum fosters knowledge of and positive attitudes towards nutrition, physical fitness, and safety. As children move into the upper elementary grades they are encouraged to take on more responsibility for their decisions about their own health. Kindergarten into puberty and a growing awareness of sexuality warrant consideration in the late elementary grades. Sensitive inclusion of those with unique physical challenges is modelled and promoted.

The special role of physical activity as leisure is considered. Leadership, good sportsmanship, consideration for others, loyalty and honesty are encouraged. Children learn that physical activity as a special form of human endeavour can lead to high levels of performance. They also learn that enjoying physical activity and benefiting from it in terms of enhanced health and well-being are equally important.

Social

Each child has a social dimension. Learning to interact co-operatively with other people is an essential life skill that can be taught and practised in schools. The classroom is a community of learners. Taking turns, sharing materials, collaborating to solve problems, and working in co-operative groups for a variety of real purposes provide opportunities for children to learn social skills essential to living in any community.

Equity and Diversity

The Atlantic Canada social studies curriculum is designed to meet the needs and interests of all students. The curriculum should provide for the inclusion of the interests, values, experiences, and language of each student and of the many groups within our local, regional, national, and global communities.

The society of Atlantic Canada, like all of Canada, is linguistically, racially, culturally, and socially diverse. Our society includes differences in race, ethnicity, gender, ability, values, lifestyles, and languages. Schools should foster the understanding of such diversity. Social studies curriculum promotes a commitment to equity by valuing, appreciating, and accepting the diverse and multicultural nature of our society, as well as by fostering awareness and critical analysis of individual and systemic discrimination.

In a school setting characterized by mutual trust, acceptance, and respect, student diversity is both recognized and valued. All students are entitled to be respected and valued and are responsible for respecting and valuing all other people. All students are entitled to an educational system that affirms their gender, racial, ethnic, and cultural identity. The educational system should promote the development of a positive self-image that includes pride in their identity. Educators should ensure that classroom practices and resources positively and accurately reflect diverse perspectives and reject prejudiced attitudes and discriminatory behaviours.

Principles Underlying the Social Studies Curriculum

Empowering and effective social studies is **meaningful, significant, challenging, active, integrative, and issues-based**.

- **Meaningful** social studies encourages students to learn through purposeful experiences designed around stimulating ideas, social issues and themes, and discourages the memorization of disconnected pieces of information.
- **Significant** social studies is student-centred and age-appropriate. Superficial coverage of topics is replaced by emphasis on the truly significant events, concepts, and principles that students need to know and be able to apply in their lives.
- **Challenging** social studies occurs when teachers model high expectations for their students and themselves, promote a

thoughtful approach to inquiry, and demand well-reasoned arguments.

- **Active** social studies encourages students to assume increasing responsibility for managing their own learning. Exploration, investigation, critical and creative thinking, problem solving, discussion and debate, decision making, and reflection are essential elements of this principle. This active process of constructing meaning encourages lifelong learning.
- **Integrative** social studies crosses disciplinary borders to explore issues and events, while using and reinforcing informational, technological, and application skills. This approach facilitates the study of the physical and cultural environment by making appropriate, meaningful, and evident connections to the human disciplines and to the concepts of time, space, continuity, and change.
- **Issues-based** social studies considers the ethical dimensions of issues, and addresses controversial topics. It encourages consideration of opposing points of view, respect for well-supported positions, sensitivity to cultural similarities and differences, and a commitment to social responsibility and action.

The Social Studies Learning Environment

The Effective Social Studies Classroom

With the accelerating pace and scope of change, today's students cannot expect facts learned in isolation to equip them for life.

Problem solving, critical and creative thinking, and informed decision making are essential for success in the future. The social studies learning environment must support the development of these critical attributes to prepare students as lifelong learners.

Today's students come with increasingly diverse backgrounds and experiences. An effective instructional environment must incorporate principles and strategies that support this diversity, while recognizing and accommodating the varied learning styles, multiple intelligences, and abilities of individual students.

Teaching approaches and strategies must actively engage all students in the learning process, through their involvement in a wide variety of experiences. The nature and scope of social studies provide unique opportunities to do this.

Responding to the Need for Equity and Diversity

In order to contribute to the achievement of equity and the support of diversity in education, the social studies curriculum must

- reflect and affirm the racial/ethnocultural, gender, and social identities of students
- reflect students' abilities, needs, interests, and learning styles
- provide materials and strategies that reflect accurately and fully the reality of Canada's diversity, and that foster an understanding of multiple perspectives and group and individual similarities and differences
- address ability, cultural, racial, gender, lifestyle, linguistic, and socio-economic issues in an accurate, respectful, fair, and analytical and balanced manner
- reflect the variety of roles and wide range of experiences available to all members of society
- promote the concept that all people should have equal access to opportunity and outcomes
- expect that all students will be successful, regardless of gender, racial, ethnocultural or socio-economic background, lifestyle, or ability
- include assessment and evaluation tools and practices that take into account gender, ability, learning styles, and the diverse racial, cultural, and linguistic backgrounds of students

To establish and maintain an effective social studies environment, teachers must

- recognize students as being intelligent in a number of different ways, and encourage them to explore other ways of knowing, both inside and beyond the classroom
- value the inclusive classroom and engage all learners in meaningful activities
- acknowledge and value the ways in which gender, race, ethnicity, and culture shape particular ways of viewing and knowing the world
- incorporate new approaches, methodologies, and technologies with established effective practices
- have an extensive repertoire of strategies from which to select those most appropriate to the specific learning task
- use varied and appropriate resources to help students achieve the outcomes in a particular learning situation
- provide opportunities to integrate knowledge, skills, and attitudes
- provide repeated opportunities for reflection so that it becomes an integral part of the learning process

To create a social studies environment inviting to all participants, instructional practices must

- foster a learning environment that is free from bias and unfair practices based on ability, race, ethnicity, culture, gender, or socio-economic status
- promote opportunities to develop positive self-images that will enable students to transcend stereotypes and develop as individuals
- promote communication and understanding among those who differ in attitude, knowledge, points of view, and dialect, as well as among those who are similar
- help students explore and understand why different people have different perspectives
- encourage and enable students to question their own assumptions, and imagine, understand, and appreciate realities other than their own
- ensure the equitable sharing of resources, including teacher attention and support
- provide opportunities for students to work co-operatively in a variety of groupings
- enable students to examine and critique age-appropriate materials, resources, and experience that exhibit bias and prejudice
- use the multidisciplinary lens of social studies to examine historical and current equity and bias issues
- promote opportunities in non-traditional careers and occupations for members of both genders
- encourage students to challenge prejudice and discrimination that result in unequal opportunities for some members of society

The Atlantic Provinces, through CAMET and their departments of education, are committed to using accepted equity principles and practices in approving new social studies curricula and resources.

As a result, an effective social studies learning environment ensures student achievement by

- enhancing students' understanding, knowledge, and valuing of their own heritage and cultural background
- emphasizing inquiry and discovery by students rather than teacher presentation of information, facts, and conclusions
- encouraging student responsibility for involvement and participation in the learning process
- providing students with direct and vicarious experiences and opportunities to develop and to apply social studies skills, strategies, and processes in real, purposeful situations
- teaching students how to process and act upon information about the world in a rational and critical manner
- encouraging the effective use of various technologies, and community, media, and print resources in appropriate situations

Resource-Based Learning

Effective social studies teaching and learning are resource-based. Resource-based learning actively involves students, teachers, and teacher librarians in the effective use of a wide range of print, non-print, and human resources.

Resource-based learning fosters the development of individual students by accommodating their diverse backgrounds, various learning styles, needs, and abilities. Students who use a wide range of resources in various mediums of learning have the opportunity to approach a theme, issue, or topic of study in ways that allow for differences in learning styles and abilities.

Resource-based learning supports students as they develop information literacy. Information literacy is the ability to access, interpret, evaluate, organize, select, produce, and communicate information in and through a variety of media technologies and contexts to meet diverse learning needs and purposes. When students engage in their own research with appropriate guidance, they are more likely to take responsibility for their learning and to retain the information they gather for themselves.

In a resource-based learning environment, students and teachers make decisions about appropriate sources of information, tools for learning methods of access and how to access them. A resource-based approach raises the issues of selecting and evaluating a wide variety of information sources. The development of the critical skills needed for these tasks is essential to the social studies processes.

The range of possible resources include

- print—books, magazines, newspapers, documents, and publications
- visuals—maps, illustrations, photographs, pictures, and study prints
- artifacts—concrete objects, educational toys, and games
- individual and community—interviews, museums, field trips
- multimedia—films, audio and video tapes, laser and video discs, television, and radio
- information technology—computer software, databases, CD-ROMs
- communication technology—Internet connections, bulletin boards, e-mail

Resource-based learning implies the need to provide appropriate resources and professional development for teachers. Guidelines and policies for the selection of appropriate materials should also be in place.

Literacy through Social Studies

It is necessary that administrators, teachers, teacher librarians, other library/resource/media centre staff, parents, and community agencies collaborate to ensure students' access to available resources to support resource-based teaching and learning.

Literacy plays a vital role in the learning experiences of social studies. It promotes the students' ability to comprehend and compose spoken, written, and visual texts that are commonly used by individuals and groups to participate fully, critically, and effectively in society. The multiplicity of communication channels made possible by technology and the increasing cultural and linguistic diversity of the world calls for a broadened view of literacy. Thus, the goals of literacy learning through the social studies are to foster language development and the critical engagement necessary for students to design their own futures.

The ability to read is critical for success in school. Therefore, it is paramount that teachers are sensitive to this process in social studies instruction. Reading in the content area of social studies requires that attention be given to setting the stage and using various strategies to help students address the reading assignment itself. Writing in the social studies is also important and needs to be thought of as a process by which students discover what they know about a particular topic. In social studies there is an abundance of writing activities in which to engage students. In addition to reading, writing, and speaking, other textual modes such as audio and visual media also play a part in social studies classrooms.

Strategies to promote literacy through social studies include those that help students comprehend the meaning of words, symbols, pictures, diagrams, maps, and other genres. Students will investigate a range of media at different times and places and have many opportunities to comprehend and compose in unfamiliar contexts. Most will be able to debate, persuade, and explain in a variety of genres, including the artistic and technological. The social studies program will help students become culturally sensitive and effective cross-cultural communicators.

Critical literacy in texts includes awareness of stereotyping, cultural bias, author's intent, hidden agendas, silent voices, and omissions. Students are encouraged to be aware that texts are constructed by authors who have purposes for writing and make particular choices when doing so. Critical literacy approaches aid students in comprehending texts at a deeper level and also assist in the construction and reconstruction of their text. Students are encouraged to view texts from a variety of perspectives and to interpret the various levels of meaning in a given text.

Literacy for active citizenship involves understanding different perspectives on key democratic struggles, learning how to investigate current issues, and participating creatively and critically in community

Integration of Technology in Social Studies

problem-solving and decision-making. Exercising civic rights and responsibilities is a practical expression of important social values, and requires specific personal, interpersonal, and advocacy skills.

Technology, including Information and Communication Technology (ICT), plays a major role in the learning and teaching of social studies. Computers and related technologies are valuable classroom tools in the acquisition, analysis, and presentation of information. These technologies provide further opportunity for communication and collaboration allowing students to become more active participants in research and learning.

ICT and related technology (digital video and digital cameras, scanners, CD-ROMs, word processing software, graphics software, video-editing software, html editors, and the Internet, including the World Wide Web, databases, electronic discussions, e-mail, audio, and video conferencing) afford numerous possibilities for enhancing learning and teaching. Computer and other technologies are intended to enhance the social studies learning environment. In that context, technological resources can provide a variety of opportunities.

- The Internet and CD-ROMs increase access to information. This gives teachers and students quicker and easier access to extensive and current information. Research skills are key to efficient use of these resources. Questions of validity, accuracy, bias, and interpretation must still be applied to information available on the Internet and CD-ROMs.
- Interactions and conversations via e-mail, video and audio conferencing, student-created websites, and online discussion groups provide connections between students and people from cultures around the world. This exposure to first-hand information will enable students to directly employ inquiry skills.
- Students present what they have learned in a wide variety of forms (e.g., graphs, maps, text, graphic organizers, websites, multimedia presentations) that fit their learning styles. These presentations can be shared with others, both in their classroom and beyond.
- Students are actively involved in their learning through controlling information gathering, processing, and presentation. For example, Geographic Information Systems (GIS) software enables students to collect data on a community, plot the data using Global Positioning Systems (GPS), and analyse and present their findings by creating maps that demonstrate their learning.

Assessing and Evaluating Student Learning in the Primary Social Studies Classroom

Introduction

Assessment and **evaluation** are essential components of teaching and learning in social studies.

Assessment is the systematic process of gathering information on student learning.

Evaluation is the process of analysing, reflecting upon, and summarizing assessment information and making judgments or decisions based upon the information gathered.

Without effective assessment and evaluation, it is impossible to know whether students have learned, whether teaching has been effective, or how to best address student learning needs. The quality of the assessment and evaluation in the educational process has a profound and well-established link to student performance. Research consistently shows that regular monitoring and feedback are essential to improving student learning. What is assessed and evaluated, how it is assessed and evaluated, and how results are communicated send clear messages to students and others about what is really valued—what is worth learning, how it should be learned, what elements of quality are considered most important, and how well students are expected to perform.

Teacher-developed assessments and evaluations have a wide variety of uses, such as

- providing feedback to improve student learning
- determining if curriculum outcomes have been achieved
- certifying that students have achieved certain levels of performance
- setting goals for future student learning
- communicating with parents about their children's learning
- providing information to teachers on the effectiveness of their teaching, the program, and the learning environment
- meeting the needs of guidance and administration personnel

Guiding Principles

In order to provide accurate, useful information about the achievement and instructional needs of students, certain guiding principles for the development, administration, and use of assessments must be followed. *Principles for Fair Student Assessment Practices for Education in Canada* (1993) articulates five basic assessment principles.

These principles highlight the need for assessment that ensures

- the best interests of the student are paramount
- assessment informs teaching and promotes learning
- assessment is an integral and ongoing part of the learning process and is clearly related to the curriculum outcomes
- assessment is fair and equitable to all students and involves multiple sources of information

While assessments may be used for different purposes and audiences, all assessments must give each student optimal opportunity to demonstrate what he/she knows and can do.

In the social studies classroom, there should be a balanced approach to assessment in which emphasis is given to the learning process as well as the products of learning.

Instruction and evaluation are centred around outcomes. Not only are outcomes used in providing structured teaching and learning, but they also provide a framework for assessment and evaluation.

Assessment

Assessment in the social studies is an integral and ongoing part of the learning process. Assessment can be used to shape instruction to better ensure student success. Assessment strategies should inform the daily instructional process. Moreover, students require frequent opportunities to assess and evaluate their own learning and performance.

To determine how well students are learning, assessment strategies have to be designed to systematically gather information on the achievement of the curriculum outcomes. In planning assessments, teachers should use a broad range of strategies in an appropriate balance to give students multiple opportunities to demonstrate their knowledge, skills, and attitudes. Such strategies include, but are not limited to

- formal and informal observations
- work samples
- anecdotal records
- conferences
- portfolios
- learning journals
- questioning
- performance assessment
- peer- and self-assessment

Evaluation

Evaluation in social studies emphasizes assessment activities that incorporate the skills, perspectives, and knowledge of the many fields and disciplines within the social studies.

Evaluation involves teachers and others analysing and reflecting upon information about student learning gathered in a variety of ways. This process requires

- synthesizing information from multiple sources
- weighing and balancing all available information
- using a high level of professional judgment in making decisions based upon that information

Reporting

Reporting on student learning should focus on the extent to which students have achieved the curriculum outcomes. Reporting involves communicating the summary and interpretation of information about student learning to various audiences who require it. Teachers have the responsibility to explain accurately what progress students have made in their learning and to respond to parent and student inquiries about learning.

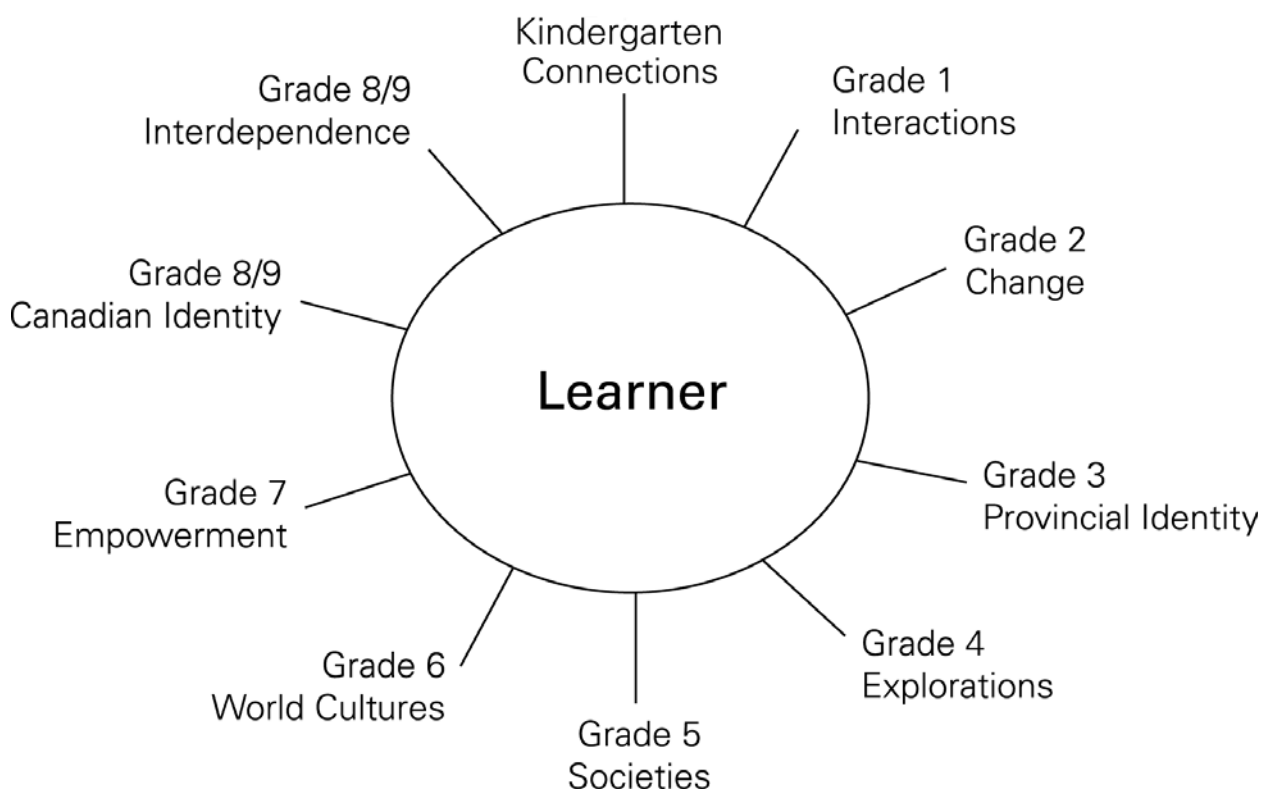
Narrative reports on progress and achievement can provide information on student learning that letter or number grades alone cannot. Such reports might, for example, suggest ways in which students can improve their learning and identify ways in which teachers and parents can best provide support.

Effective communication with parents regarding their children's progress is essential in fostering successful home-school partnerships. The report card is one means of reporting individual student progress. Other means include the use of conferences, notes, and phone calls.

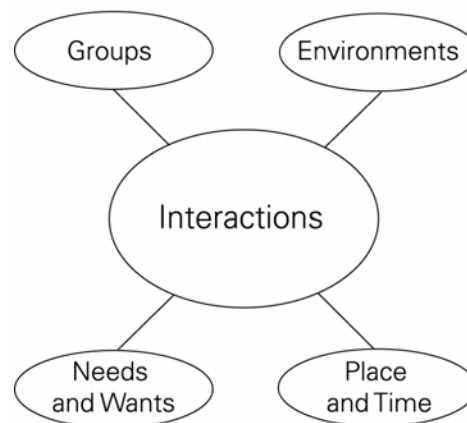
Curriculum Overview

Kindergarten–8/9 Social Studies Program

The social studies program for kindergarten to grade 8/9 is designed around ten conceptual organizers.



Grade 1: Interactions



Unit One: Groups

Students will be expected to

- 1.1.1 demonstrate an understanding of the importance of interactions between people
- 1.1.2 demonstrate an understanding of the similarity and diversity of social and cultural groups
- 1.1.3 demonstrate an understanding that people within groups have rights and responsibilities

Unit Two: Environments

Students will be expected to

- 1.2.1 recognize that environments have natural and constructed features (local, national, and global)
- 1.2.2 describe how peoples depend upon and interact with different natural environments
- 1.2.3 take age-appropriate action to practise responsible behaviour in caring for the environment

Unit Three: Place and Time

Students will be expected to

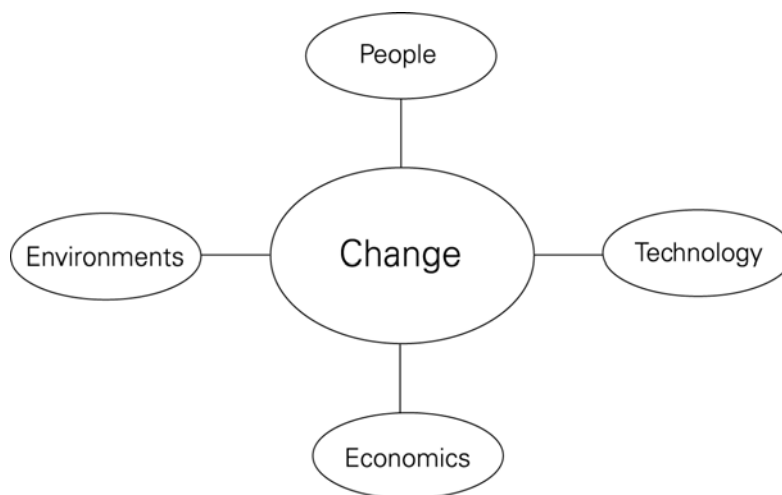
- 1.3.1 demonstrate an understanding that signs, symbols, direction, and scale are used to represent landmarks and locations
- 1.3.2 demonstrate an understanding that the way people live in their community evolves over time
- 1.3.3 demonstrate an understanding that Aboriginal peoples' relationship with place has changed over time
- 1.3.4 explain how interactions between communities (local, national, and global) have changed over time

Unit Four: Needs and Wants

Students will be expected to

- 1.4.1 recognize that all people have needs and wants
- 1.4.2 demonstrate an understanding of the factors that influence how needs and wants are met
- 1.4.3 demonstrate an understanding of how communities depend on each other for the exchange of goods and services

Grade 2: Change



Unit One: People

Students will be expected to

- 2.1.1 describe changes in their lives and their reactions to these changes
- 2.1.2 demonstrate an understanding of how individuals and groups have contributed to change
- 2.1.3 explain how decisions made by individuals and diverse groups result in change (local, national, and global)
- 2.1.4 predict ways their community might change in the future and how they can contribute to that future

Unit Two: Technology

Students will be expected to

- 2.2.1 describe and evaluate the role of technology in their lives
- 2.2.2 demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests

Unit Three: Economics

Students will be expected to

- 2.3.1 give examples of how children and their families use economic decision making as consumers
- 2.3.2 explain how supply and demand affects price
- 2.3.3 demonstrate an understanding of the changing nature of work over time

Unit Four: Environments

Students will be expected to

- 2.4.1 explain how and why physical environments change over time
- 2.4.2 describe how people's interactions with their environment have changed over time
- 2.4.3 demonstrate an understanding of sustainable development and its importance to our future (local, national, and global)

How to Use the Four-Column Curriculum Layout

The curriculum has been organized into four columns to:

- illustrate how learning experiences flow from the outcomes
- illustrate a range of strategies for teaching and learning associated with a specific outcome or outcomes
- demonstrate the relationship between outcomes and assessment strategies
- suggest ways that teachers can make cross-curricular connections
- provide teachers with ideas for supplementary resources

Column 1: Outcomes

This column provides the specific curriculum outcomes and the accompanying delineations (subsets) describing what students are expected to know, be able to do, and value by the end of the year. The delineations are intended to help elaborate upon the outcomes.

Column 2: Suggestions for Learning and Teaching

This column offers a range of strategies from which teachers and students may choose. Suggested learning experiences can be used in various combinations to help students achieve an outcome or outcomes. It is not necessary to use any of these suggestions, nor is it necessary for all students to engage in the same learning experience.

Sensitive Topics

♥ The heart is used as a symbol to identify topics that need to be addressed with sensitivity. These topics are set in bold type in the text following the symbol.

Column 1

UNIT 4: NEEDS AND WANTS	
GRADE 1	
1.4.2 Students will be expected to demonstrate an understanding of the factors that influence how needs and wants are met. (continued)	
Outcome	Suggestions for Learning and Teaching
<p><i>Students will be expected to</i></p> <ul style="list-style-type: none"> • how needs and wants are met • identify different ways people's needs and wants are met • give examples of services/facilities that meet the needs and wants of people • recognize the need for people to co-operate with each other in their community to meet their various needs and wants • recognize the importance of volunteer work • identify some of the factors that influence their choices as consumers 	<p>♥ Teacher Talk</p> <p>Very young children are aware of some of the influences that affect their choices as consumers. For example, brand names, peer pressure, what friends have, and advertising are influences they know about. Focus on the child as a consumer and help him/her explore good decision making practices. Teachers should be careful not to promote any fad, product, brand name, or place children in a situation that would make them uncomfortable or feel left out.</p> <p>• Teachers can select and use an appropriate book as a read aloud. The selected book should address that there are many things that influence their choices as consumers. Then have the class identify one fad, toy, clothing or item and ask "Where is it advertised?" "How does it affect your needs/wants?" Alternatively, ask children "If you are hungry when you go to the supermarket, how may this affect what you buy?"</p>

Column 2

Column 3: Suggestions for Assessment

This column provides suggestions for ongoing assessment that is part of the learning experience. The assessment suggestions are grouped under a number of headings.

Column 4: Suggested Links

This column provides links to other curriculum areas, resources, and other agencies (local, national, international).

Column 3

Column 4

GRADE 1		UNIT 4: NEEDS AND WANTS	
1.4.2 Students will be expected to demonstrate an understanding of the factors that influence how needs and wants are met. <i>(continued)</i>			
Suggestions for Assessment		Suggested Links	
Formative		Resources	
<i>Products Created/Written Evaluations/Portfolios</i>		<ul style="list-style-type: none"> • <i>Uncle Willie and the Soap Kitchen</i>, DyAnne diSalvo-Ryan • <i>The Clean-Up Surprise</i> • <i>Alexander Who Used to Be Rich</i>, Judith Viorst • <i>Berenstain Bears' Trouble with Money</i>, Stan & Jan Berenstain • <i>Big Bird Goes to Hospital</i> (See Children's Workshop Video Series.) • <i>Communities</i>, G. Saunders-Smith 	
Summative		Agencies/Groups	
<ul style="list-style-type: none"> • the writings/drawings/pictures students create/gather the list of services/facilities in their community the clothesline of pictures 		<i>National/International</i>	
<ul style="list-style-type: none"> • As a class chart six ways "needs and wants" are met in society. Give an example for each. Note responses that children give that demonstrates how they meet their needs/wants. Discuss contributions each child provides. • As a class visit a local facility that meets the needs of the community. • If children demonstrate a natural curiosity about the volunteers they know about, arrange for the class to meet a volunteer and invite him/her to class. • As a class have children make a "tree-and-leaf" representation that demonstrates how their community cares for children, the sick, seniors. • Have children as a class or in groups, using simple materials such as blocks or Popsicle sticks, construct a model of a facility in their community that provides a service/facility. Observe their understanding of co-operation as they work on the project. • As a class activity have children plan and participate in an example of co-operation to help out someone in their community. 		<i>Local</i>	
		<ul style="list-style-type: none"> • any service club member/volunteer • supermarket, farm, factory 	
ATLANTIC CANADA SOCIAL STUDIES CURRICULUM ENTRY-GRADE 2		159	

Grade 1: Interactions

Grade 1: Interactions

Year Overview

The conceptual organizer for Grade 1 is “interactions” and it provides young children with an exciting opportunity to explore the various ways people interact among themselves and with the world around them. Students will consider how interactions have changed over time, locally, nationally, and globally. The learning and teaching suggestions for the year build on the experience students acquired in their Kindergarten year that focussed on the child as an individual making connections. During the year they will explore interactions through four units.

- The unit titled **Groups** explores interactions with other individuals, groups and communities. The similarity and diversity of groups is examined as are the various reasons why people belong to groups. The unit also has children consider the rights and responsibilities involved in belonging to a group.
- The **Environments** unit further develops children’s geography ability and has as its focus the interactions of peoples with natural and constructed environments. The unit explores how people depend upon their environment and it looks at the practice of responsible behaviour in caring for the environment.
- The **Place and Time** unit underscores the close relationship between geography and history. It builds on previously-learned geography skills and serves as an introduction to history. The unit looks at the interactions, over time, among peoples and the relationship people have with where they live. It also examines how the way people live and interact with others, have evolved over time.
- **Needs and Wants** is the title of the final unit. The unit serves as an introduction to economics by focussing on the concept of needs and wants. It examines the interactions that occur among peoples in order to meet various needs and wants. This unit also looks at economic factors that influence how needs and wants are met as well as how interactions between communities depend on the exchange of goods and services.

Unit 1: Groups

Overview

In the first outcome in this unit, children will gain an understanding of the various kinds of interactions between people and the importance of belonging to a group. They will consider how interactions depend upon communication. In the second outcome, children explore the similarity and diversity of social and cultural groups and the reasons why people belong to groups. They will also learn that children form a unique group of their own. In the third outcome, children will develop an awareness that people within groups have rights and responsibilities. This includes a review of how groups operate by formal and informal rules and that conflicts may arise within a group, which was introduced in the kindergarten year. Students will further their understanding of how conflict can be resolved by peaceful means, how co-operation and working together are an important part of group behaviour, and how they, as children, have responsibilities too.

Outcomes

Students will be expected to

- 1.1.1 demonstrate an understanding of the importance of interactions between people
- 1.1.2 demonstrate an understanding of the similarity and diversity of social and cultural groups
- 1.1.3 demonstrate an understanding that people within groups have rights and responsibilities

Process and Skills Development

Communication

- use appropriate speaking/listening skills
- create class charts
- draw/write about a responsibility at home

Inquiry

- ask questions during instruction
- make a list of why people belong to a group
- brainstorm possible changes to interactions

Participation

- demonstrate positive behaviour
- contribute to class discussion
- play a game from another culture
- role-play a conflict scenario

Suggested Time for Unit Completion

To be finalized by individual provinces.

1.1.1 Students will be expected to demonstrate an understanding of the importance of interactions between people.

Outcomes

Students will be expected to

- give examples of interactions between people
- recognize reasons why interactions are an important part of our daily life
- demonstrate an understanding that interactions depend on communication

Suggestions for Learning and Teaching

Teacher Talk

The focus of this section is to help children understand the importance of interactions between people. It will help create a foundation for later examining groups. The meaning of the term interactions is defined as an action between two or more people.

- Students can pretend they are a bird looking down on their community and seeing what is happening in all of the buildings, cars and homes. Pose the question, “Do you see people talking to each other?” “Who are they?” Make a list of student responses on chart paper or the black board. The list should include verbal, non-verbal, and written communications as well as the use of technology. Use this common experience to discuss with students the meaning of the term “interactions.” Follow up by asking students where the bird saw the interactions: at home, school, school bus, playground, classroom, hockey arena, and while shopping. Point out to students that interactions are inevitable, everywhere, and a part of our daily life.
- Teachers can select and use an appropriate book as a read aloud. The selected book should address simple interactions between people. After reading the book to the class, the teacher may wish to engage the children in a discussion of what the book has to say about interactions and how this might be similar to things they have experienced themselves.
- Students can work in groups with assigned roles of recorder and reporter. Provide students with a list of interactions and have them discuss reasons for these interactions and report to the whole class. This will provide an opportunity to help students see that interactions serve many purposes, for example: sports, play, education, service, finance-earning, spending, and entertainment.

1.1.1 Students will be expected to demonstrate an understanding of the importance of interactions between people.

Suggestions for Assessment**Suggested Links**

1.1.1 Students will be expected to demonstrate an understanding of the importance of interactions between people. *(continued)*

Outcomes

Students will be expected to

- give examples of interactions between people
- recognize reasons why interactions are an important part of our daily life
- demonstrate an understanding that interactions depend on communication

Suggestions for Learning and Teaching

- Students can play a communication game that begins by asking one student to leave the room. The remainder of the class will then agree on an action that they want the student that left the room to attempt upon returning to class. For example, the action may be “to pick a ball.” However, they cannot verbally tell the student what to do. Conclude the activity by talking about how quickly the task can be completed when we use language, spoken or written, and that interactions require communications.
- Students can participate in the completion of a table for various social skills important for positive interactions, for example: encouragement, support, praise, manners.

Some Say	We Could Say	Looks Like	Attitude
So what!	Good for you!	Smile	Support
He’s bragging.	Maybe you can teach me.	Nodding	Encouraging
Give me ...	Please may I have ...		
Ha, ha, Mark fell.	Are you hurt?		
Don’t do that.	Hey, go ahead and try.		

Teacher Talk

This provides students with examples of positive language and behaviour that they can use.

- Teachers can post this chart for frequent review. Ask students to use as many of these “friendly words and actions” as they can during the day. Reflect at the end of the day if they saw much difference and how it felt when someone used friendly words with them.

1.1.1 Students will be expected to demonstrate an understanding of the importance of interactions between people. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - use appropriate speaking/listening skills in their daily communication in class
- Inquiry
 - ask questions during instruction
- Participation
 - contribute to responses in class discussion

Products Created/Written Evaluation/Portfolios

- the list of responses children give in the Bird's-Eye View of Your Community activity
- children's drawings or illustrations of one example of an interaction between characters they observe from a story that has been read to the class
- T-chart created by the class for the various social skills important for positive interactions

Summative

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Health/Physical Education
 - Physical Education and Health
- Mathematics

Provincial Curriculum

- Art

Resources

I Took My Frog to the Library,
Eric Kimmel

Agencies/Groups

National/International

Local

1.1.2 Students will be expected to demonstrate an understanding of the similarity and diversity of social and cultural groups.

Outcomes

Students will be expected to

- demonstrate an understanding that people join together to form social and cultural groups
- demonstrate an understanding that within each group there are certain characteristics that bring people (local, national, and global) together
- recognize that children (local, national, and global) form a group

Suggestions for Learning and Teaching

Teacher Talk

A group is persons having in common certain characteristics, attitudes and interests. We are all part of groups. We are all surrounded by a variety of social and cultural groups. The study of groups can be very complex. Such topics as loyalty to groups, group behaviour and attitudes will be concepts children explore as they gain experience and understanding. At this level, by exposing children to a variety of groups and their customs, traditions and beliefs, we will cultivate value and respect for the similarities and diversities between their experience and others. By encouraging them to think about why people belong to groups such as families, school groups, interest clubs, sports groups, and communities, we are helping them to construct how alike human beings are.

- Teachers can ask students to remember what they know about groups.

Ask them to think about why people join groups. As a class make a chart that identifies the following:

- Types of Groups
- Customs
- Beliefs and Traditions
- Reasons for Joining

Ask students to sort the types of groups identified in the chart into categories of local, national and global. For example, their Beavers Chapter is part of the National and International Scouting Association, therefore it would appear under each of the categories.

1.1.2 Students will be expected to demonstrate an understanding of the similarity and diversity of social and cultural groups.

Suggestions for Assessment**Suggested Links**

1.1.2 Students will be expected to demonstrate an understanding of the similarity and diversity of social and cultural groups. *(continued)*

Outcomes

Students will be expected to

- demonstrate an understanding that people join together to form social and cultural groups
- demonstrate an understanding that within each group there are certain characteristics that bring people (local, national, and global) together
- recognize that children (local, national, and global) form a group

Suggestions for Learning and Teaching

Teacher Talk

Children are a distinct group. Childhood is a unique time in one's life no matter where you live. This would be a great opportunity to share pictures and stories of children from around the world. All children need protection and guidance to develop into adults.

- Students can ask children to think of ways that all children are alike. Help them identify that all children have a family structure, all like to play and all require some form of education. Explore ways that children experience each of these around the world. For example, many families celebrate children's birthdays.
- Teachers can select and use an appropriate book as a read aloud. The selected book should discuss or show different games from around the world.
- Teachers can discuss with children: What makes a group unique and special? What do all groups have in common? What does the word "respect" mean? Ask them to think about why we should show respect for the rights and customs of other groups. Ask each of them to think of how each of them can demonstrate this and make a mural to illustrate an action they can take.

Teacher Talk

Cultivate an understanding of respect by using the word "respect" in context. For example, saying "I respect your choice, although I may not agree with it."

1.1.2 Students will be expected to demonstrate an understanding of the similarity and diversity of social and cultural groups. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - create a class chart showing the types of groups (local, national, and global)
- Inquiry
 - explore how children are unique and special
- Participation
 - play a game from another culture
 - demonstrate respect to others as they take part in class activities
 - contribute to class discussion

Products Created/Written Evaluation/Portfolios

- the chart that lists reasons for people joining a group
- the poster/frieze/mural/bulletin board display that illustrates how birthdays are celebrated in other cultures
- the drawing or collage of an action that demonstrates respect for another group

Summative

- Ask children to represent an understanding of the meaning of respect, and the similarity/diversity of cultural groups.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics
- Physical Education/Health
 - Play a game

Provincial Curriculum

- Art

Resources

- *Birthdays around the World*
- *Children's Games around the World*

Agencies/Groups

National/International

- Boy Scouts of Canada
- Girl Guides of Canada

Local

1.1.3 Students will be expected to demonstrate an understanding that people within groups have rights and responsibilities.

Outcomes

Students will be expected to

- identify basic rights and responsibilities
- give examples of rights and responsibilities that are common to children
- demonstrate an understanding that conflict may arise from the different expectations, desires and capabilities of members of a group
- demonstrate an ability to solve conflicts through co-operation and peaceful means
- take age-appropriate actions to demonstrate their responsibilities as citizens (local, national, and global)

Suggestions for Learning and Teaching

Teacher Talk

This outcome is intended to help students further their understanding of groups and group dynamics. Students will already have been introduced to what a group is and the concept that members of a group have rights and responsibilities. As educators we share with parents the responsibility to develop in students the skills and insights that will enable them to make reasoned choices in their interactions with others. Additionally, we teach to promote human values such as cross-cultural understanding, justice, mutual respect, fairness, co-operation and equality. Reinforce that children have rights and responsibilities.

- Teachers can elect and use an appropriate book as a read aloud. The selected book should address the concept of citizenship. After reading the book to the class, the teacher may wish to engage the children in a discussion of what the book has to say about citizenship and how this might apply to them.
- Students can share examples of how their roles and responsibilities will change as they grow. Ask them to think of ways that this happens, and has already happened in their lives. Provide each student with a large sheet of paper that has three sections, and ask them to draw an example of their changing responsibilities. The titles of the sections can be: When I was Little. Now. When I am Bigger. Post these and discuss the similarities and diversities in their ideas. Make these into a class book.
- Teachers can create a classroom Charter of Rights and Responsibilities, through brainstorming and class discussion. The key is to ask students to connect responsibilities to each of the rights generated. Some examples are:

Class Charter of Rights and Responsibilities

Rights	Responsibilities
To sharpen pencils	To do so only when necessary and not interrupt others
To be able to go to library	To keep library in good order
To have an education	To attend school
To express your opinion	To show respect for others

1.1.3 Students will be expected to demonstrate an understanding that people within groups have rights and responsibilities.

Suggestions for Assessment**Suggested Links**

1.1.3 Students will be expected to demonstrate an understanding that people within groups have rights and responsibilities. *(continued)*

Outcomes

Students will be expected to

- identify basic rights and responsibilities
- give examples of rights and responsibilities that are common to children
- demonstrate an understanding that conflict may arise from the different expectations, desires and capabilities of members of a group
- demonstrate an ability to solve conflicts through co-operation and peaceful means
- take age-appropriate actions to demonstrate their responsibilities as citizens (local, national, and global)

Suggestions for Learning and Teaching**Teacher Talk**

Students would have been introduced to the concept of “formal” and “informal” rules in the kindergarten year. A formal rule such as “Walk, don’t run in the halls” or a stop light is a typical rule (rigid and made for safety reasons). An informal rule is much more flexible such as the time a person goes to bed or gets up in the morning.

- Teachers can review what students have learned about formal and informal rules learned in their kindergarten year. Use one of the common games that the students may play at recess/noon hour, for example, 4-Square, Heads-Up or 7-Up. Ask students to list the rules for the game and then brainstorm suggestions for changes to rules. Then the students may try the game to see if it still functions. What happens if someone doesn’t follow the rules or creates their own rules?
- Students can role-play different conflict scenarios. For example someone refuses to play by the rules of a game, or a personal item is stolen. Using the six-step model below (or other conflict resolution strategy) students can discuss what peaceful methods could be used to resolve the conflict. In *ABC Teaching Human Rights* (United Nations 1989), a six-step model for conflict resolution is suggested:
 1. identify the problem and acknowledge it. Stop any physical activity or verbal activity and ask the children involved to discuss their behaviour together.
 2. get a description of what happened. Ask the children involved and any bystanders about the events that took place. Give everyone a turn to speak without interruption. Positive encouragement, such as a touch or hug if appropriate, can also ease feelings of anger or guilt. However, it is essential to remain neutral at all times.
 3. explore a range of solutions. Ask those directly involved how this problem can be solved. If the children draw a blank, the teacher can offer some solutions.
 4. reason out the solutions. Point out that more than one fair solution may often exist. Encourage the children to think of the physical and emotional consequences of these solutions and recall past experiences of a similar nature.
 5. choose a course of action. Seek mutual agreement on one of the solutions presented.
 6. carry out that action.

1.1.3 Students will be expected to demonstrate an understanding that people within groups have rights and responsibilities. *(continued)*

Suggestions for Assessment**Suggested Links**

1.1.3 Students will be expected to demonstrate an understanding that people within groups have rights and responsibilities. *(continued)*

Outcomes

Students will be expected to

- identify basic rights and responsibilities
- give examples of rights and responsibilities that are common to children
- demonstrate an understanding that conflict may arise from the different expectations, desires and capabilities of members of a group
- demonstrate an ability to solve conflicts through co-operation and peaceful means
- take age-appropriate actions to demonstrate their responsibilities as citizens (local, national, and global)

Suggestions for Learning and Teaching

- Teachers can create a Passport to Citizenship or Good Deed Book and use it to record activities of student age-appropriate activities of good behaviour within class and around the school.

Teacher Talk

Another idea is the teacher could carry “good deed” cards and give them out to students during the school day. After five good deeds, the student’s name goes on the honour roll, which is displayed in a prominent area in the school. Teachers who have used this activity recommend it highly with significant results for the school environment.

- Teachers can create a poster with the heading: What Is Your Good Deed Today? List names of students in the middle and place several bubbles on the poster with examples of a good deed written inside the bubble, “I zipped someone’s jacket;” “I tied someone’s sneakers/boots.”

Teacher Talk

This activity has proven to be a useful way for teachers to encourage self-esteem, anti-bullying, and safer school practices.

1.1.3 Students will be expected to demonstrate an understanding that people within groups have rights and responsibilities. *(continued)*

Suggestions for Assessment

Suggested Links

1.1.3 Students will be expected to demonstrate an understanding that people within groups have rights and responsibilities. *(continued)*

Outcomes

Students will be expected to

- identify basic rights and responsibilities
- give examples of rights and responsibilities that are common to children
- demonstrate an understanding that conflict may arise from the different expectations, desires and capabilities of members of a group
- demonstrate an ability to solve conflicts through co-operation and peaceful means
- take age-appropriate actions to demonstrate their responsibilities as citizens (local, national, and global)

Suggestions for Learning and Teaching

- Teachers can look for examples of rules, responsibilities, and co-operation as they take students on a walk through the local community.

Rules	Responsibilities	Co-operation
Stop signs	Keep lawn mowed	Volunteer firefighter
Crosswalks	Picking up litter	Helping seniors

- Students can create puppets and use them to role-play the actions that demonstrate responsibilities as citizens (local, national, and global).

1.1.3 Students will be expected to demonstrate an understanding that people within groups have rights and responsibilities. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - draw/write about a responsibility at home
 - use strategies for conflict resolution through role-play
- Inquiry
 - brainstorm changes to a game
- Participation
 - contribute to the creation of a class Charter of Rights and Responsibilities
 - take age-appropriate actions of good citizenship

Products Created/Written Evaluation/Portfolios

- the class Big Book about changing roles and responsibilities of children in the class
- the class list of signs/rules children saw on their walk in the community

Summative

- Ask students to identify pictures in books/magazines examples of good citizenship

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics
- Physical Education/Health

Provincial Curriculum

- Art

Resources

- *Hurry up Franklin*, Paulette Bourgeois
- *Franklin's School Play*, Paulette Bourgeois
- *Peace Begins with You*, K. Scholes
- *Just a Dream*, Chris VanAllsburg
- *Human Rights in the Elementary Classroom*
- *Second Step* (see bullying component)

Agencies/Groups

National/International

- League for Peaceful Schools: Rights and Responsibilities
- Local
- In-School Code of Behaviour/Conduct; and Policy for Caring Schools

Unit 2: Environments

Overview

This unit builds on the introduction to geography from the previous year. There is a great opportunity here for the teacher to encourage students to explore the wider community on a provincial, national, and global level. The first outcome reviews the geographic concepts of natural and constructed features. It extends an understanding of these concepts beyond the local area as they learn about other examples from their province, country, and around the world. In the second outcome, children will investigate how people depend upon and interact with different natural environments, locally, nationally, and globally. They will develop an awareness that such things as climate and weather, natural features, and the presence of natural environments, influence human activity. In the third outcome, children will explore age-appropriate actions to practise responsible behaviour in caring for the environment on a local, national and global level.

Outcomes

Students will be expected to

- 1.2.1 recognize that environments have natural and constructed features (local, national, and global)
- 1.2.2 describe how peoples depend upon and interact with different natural environments
- 1.2.3 take age-appropriate action to practise responsible behaviour in caring for the environment

Process and Skills Development

Communication

- create a KWL chart
- create a “wall of seasons” showing seasonal changes and their effects on people
- read a book about conservation

Inquiry

- distinguish between natural and constructed features (local, national, and global)
- create a web to illustrate how people use resources

Participation

- contribute to a magazine activity (gather, sort, label pictures)
- contribute to discussion about ways children can conserve clean water daily
- contribute to discussion about natural resources
- plant a tree or take another age-appropriate environmental action

Suggested Time for Unit Completion

To be finalized by individual provinces.

1.2.1 Students will be expected to recognize that environments have natural and constructed features (local, national, and global).

Outcomes

Students will be expected to

- identify and describe major natural features in their area, their province, Canada, and the world
- identify and describe examples of the constructed environment in their area, their province, Canada, and the world

Suggestions for Learning and Teaching

Teacher Talk

This outcome is a geography one and builds on the work done about natural and constructed environments in the kindergarten curriculum where students were introduced to these concepts in their local community. For example, children would have some understanding of natural features such as ponds, hills, streams, islands, mountains, rivers, and oceans, as well as constructed features of their environment such as houses, bridges, roads, and dams. This outcome is intended to extend their understanding of the concepts by looking at examples from the wider community in their area, their province, across Canada, and the world.

- Teachers can review the meaning of environment and its natural and constructed features through a class discussion in which students are encouraged to give examples. Construct a KWL chart (see: Suggestions for Assessment) as the springboard for further activities. Take a walk in your community with each student using a sketchbook to draw simple symbols or representations of the natural and constructed features that they see. Using the sketches, ask students to develop a community map of the natural and constructed features.
- Teachers can create a discussion around a rock and a brick that you have brought into the classroom. This will focus on the similarities and differences between natural and constructed features. Other examples can be brought to the discussion, for example a natural pond and a constructed pond. Look at the different ways that land and water occur in our natural environment. Ask students to think of other examples of natural and constructed features and how they are used.
- Students can use co-operative discussion to plan what natural and constructed features they would want to see in a playground or amusement park that is being built. This will form the basis for a jump-off into the wider community and beyond as students share examples from places they have visited, read about, or have seen on television. They could sketch, draw, or make a model of their playground or park.

1.2.1 Students will be expected to recognize that environments have natural and constructed features (local, national, and global).

Suggestions for Assessment**Suggested Links**

1.2.1 Students will be expected to recognize that environments have natural and constructed features (local, national, and global). *(continued)*

Outcomes

Students will be expected to

- identify and describe major natural features in their area, their province, Canada, and the world
- identify and describe examples of the constructed environment in their area, their province, Canada, and the world

Suggestions for Learning and Teaching

- Students can look in picture books and age-appropriate magazines to identify pictures of natural and constructed features, local, national, and global. They can use colour-coded sticky notes to distinguish between the two types of features. Alternatively, teachers could give each student a specific number of sticky notes of each colour and ask students to find examples in the books and magazines. As a whole group share their findings by creating a chart that shows specific examples that they have found and ask students to put their coloured sticky notes under the examples.

Natural Features	Constructed Features
Mountains	Roads
Deserts	Bridges
Oceans	Dams
Islands	Buildings

Then in small groups ask students to choose one or two of their examples that can be located on a world map. For example ask children locate an island, water body, mountain or country on the map.

- Teachers can select and use an appropriate book as a read aloud. The selected book should vividly describe an environment with constructed features. After reading the book to the class, the teacher may wish to engage the children in a discussion of the book's descriptions and lead them to identify the constructed features in their local environment.

1.2.1 Students will be expected to recognize that environments have natural and constructed features (local, national, and global). *(continued)*

Suggestions for Assessment**Suggested Links**

1.2.1 Students will be expected to recognize that environments have natural and constructed features (local, national, and global). *(continued)*

Outcomes

Students will be expected to

- identify and describe major natural features in their area, their province, Canada, and the world
- identify and describe examples of the constructed environment in their area, their province, Canada, and the world

Suggestions for Learning and Teaching

- Students can extend their understanding of the concepts by exploring exciting, interesting, or famous natural and constructed features, such as landmarks in their province, Canada, or around the world. This could be done through collections and displays of postcards, souvenirs, books, slides.
- Teachers can invite individuals from the community to speak to the class and share examples from places they have travelled.
- Students can construct their own models or design postcards that reflect their interests and discoveries.
- Teachers can create a bingo game of pictures or student drawings of natural and constructed features of the environment.

1.2.1 Students will be expected to recognize that environments have natural and constructed features (local, national, and global). *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - discuss similarities and differences between natural and constructed features.
- Inquiry
 - complete the third column of a KWL chart:

Know	Want to Know	Learned

- Participation
 - take a community walk
 - play the Bingo Game of features
 - contribute to the magazine activity
 - contribute to the mapping activity

Products Created/Written Evaluation/Portfolios

- the sketches students make of their community walk
- the playground/park sketches and models

Summative

Ask students to draw a picture of their favourite natural or constructed feature

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
 - Book responses
- Math
 - Graphing

Provincial Curriculum

- Art
- Models, postcard designs

Resources

- *Alphabet City*, Stephen T. Johnson
- *In Our Country*, Barbara Hehner (Scholastic)
- Social Studies Resource Centre (Scholastic)—e.g., *Canada*, Barbara Hehner
- *Prairie Alphabet*
- *Countries around the World*
- *All About Series* Nelson Canadian Symbols, Canadian Attractions

Agencies/Groups

National/International

Local

1.2.2 Students will be expected to describe how people depend upon and interact with different natural environments.

Outcomes

Students will be expected to

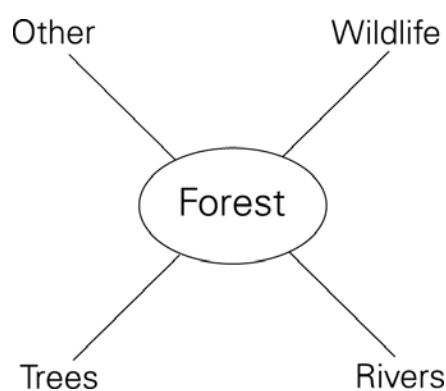
- give examples of how climate and weather influence human activities (local, national, and global)
- give examples of how natural environments influence human activities (local, national, and global)
- recognize that our way of life and our environment are affected by the presence and the use of natural resources

Suggestions for Learning and Teaching

Teacher Talk

The central theme for this outcome is the relationship and interaction between people and the different physical/natural environments. Building upon children's understanding of natural and constructed features, this outcome provides the opportunity to expand their understanding from specific natural features to the larger natural environment. (The terms natural environment and physical environment are both geographic terms and are interchangeable. Natural environment is used here for consistency.)

- Teachers can develop with the class webs for different natural environments. Choose environments such as: forest, ocean, fertile river valley, plains, desert. Ask students to identify natural features of the environment on the web.



- Teachers can discuss with students how natural features may vary between different natural environments. Use visuals, stories and information texts to introduce students to a variety of relationships between people and their natural environments. These could show differences in work, play, homes, food, clothing, recreation.
- Teachers can create a collage or visual that shows interactions of people with various natural environments.

1.2.2 Students will be expected to describe how people depend upon and interact with different natural environments.

Suggestions for Assessment**Suggested Links**

1.2.2 Students will be expected to describe how people depend upon and interact with different natural environments. *(continued)*

Outcomes

Students will be expected to

- give examples of how climate and weather influence human activities (local, national, and global)
- give examples of how natural environments influence human activities (local, national, and global)
- recognize that our way of life and our environment are affected by the presence and the use of natural resources

Suggestions for Learning and Teaching

Teacher Talk

An understanding of the local weather and seasonal changes (climate) is typically studied throughout the year. The focus here is on the effects of the climate /weather locally, as well as on people around the world. Children will develop an understanding that different regions of the world have their own unique climate/weather that affects how we live.

- Teachers can create a large circle of seasons on the wall. The circle can then be divided into quarters. In each quarter, below the name of the season, there would be two headings: 1. seasonal changes; and 2. what the change means for us. Use a class discussion and place student observations and conclusions under the appropriate headings. These could be added to as the seasons change.
- Teachers can select and use an appropriate book as a read aloud. The selected book should address the topic of climate. After reading the book to the class, the teacher may wish to engage the children in a discussion of how the climate in the book is similar or different from their own climate.
- Teachers can use pictures of a tropical rain forest, an arctic landscape, a hardwood forest, and grassland with rainfall and temperature information to illustrate the relationship between climate and a specific environment. For example, deserts are the world's driest places and rain forests are the wettest places. A map of the world would be useful. A variation could be desert, grassland and rich farmland. Pictures of the types of clothing worn by people in different climates could also be used to illustrate the relationship.

1.2.2 Students will be expected to describe how people depend upon and interact with different natural environments. *(continued)*

Suggestions for Assessment**Suggested Links**

1.2.2 Students will be expected to describe how people depend upon and interact with different natural environments. *(continued)*

Outcomes

Students will be expected to

- give examples of how climate and weather influence human activities (local, national, and global)
- give examples of how natural environments influence human activities (local, national, and global)
- recognize that our way of life and our environment are affected by the presence and the use of natural resources

Suggestions for Learning and Teaching

Teacher Talk

Another aspect of the relationship between people and their natural environment is the use of natural resources.

- Teachers can create a list of natural resources that are used every day in some way in our society. Some examples could include: petroleum, coal, iron ore, water, wood, fertile soil.
- Teachers can develop a thought web with the class. Choose an environment, such as forest, minerals, or fertile plains, and ask children to suggest the various ways that people interact with this particular environment. From the web, students could create a collage or visual that shows interactions of people with their natural environment.
- Teachers can create, with the class, a list of natural resources that are used every day in some way in our society. Some examples could include: petroleum, coal, iron ore, water, wood, fertile soil, etc. Form the class into small groups based on the number of identified resources. Each group member will interview his/her parents to find out:
 - How does the family use the identified resource on a regular basis?
 - What do they think would happen if the resource ceased to exist?

Then, the next day, each group member would share his/her responses with his/her group and the group would share with the whole class.

1.2.2 Students will be expected to describe how peoples depend upon and interact with different natural environments. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - create a “wall of seasons” that shows seasonal changes and their effects on people
- Inquiry
 - create a web or illustrate how people use resources
- Participation
 - contribute to class discussion about natural resources
 - contribute to the season-circle

Products Created/Written Evaluation/Portfolios

- the interview of parent responses about natural resources

Summative

- Ask children to create a collage of various people interacting with their environment
- Give each student a four-page book that has a sentence opener on each page to represent each of the seasons. Sample could include: “During the autumn in our town ...” Ask the students to illustrate the page and finish the text to show what they know about the environment of the place in which they live.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
 - *Seasons*, John Burningham
 - *The Gift*, Barbara Reid
- Geography /Mapping
 - *Beginner’s Classroom Atlas of Canada and The World*, Rand McNally
 - *All about ... Canadian Geographic Regions*, Barb McDermott and Gail McKeown, Reidmore Books Inc.

Agencies/Groups

National/International

Local

1.2.3 Students will be expected to take age-appropriate action to practise responsible behaviour in caring for the environment.

Outcomes

Students will be expected to

- identify examples of conservation and sustainability
- explain how conservation and sustainability are important to the environment
- promote sustainable practices on a local, national, and global level

Suggestions for Learning and Teaching

Teacher Talk

Although conservation and sustainability are concepts that need to be explained or demonstrated in age-appropriate language, this outcome is intended to focus on the responsible actions students could take in caring for the environment. Conservation is both the protection from loss and the efficient use of natural resources. Sustainability is the practice of using a resource so that it will always be there. Through the activities students will realize and appreciate their role in the protection and renewal of the environment, and that taking care of the environment will benefit people, animals, and plants all over the world.

- Teachers can briefly review with students knowledge of natural resources they would have learned in the previous outcome. For example: “What would we do if a natural resource was no longer there?” Introduce the concept of conservation. Create a KWL chart (see: Suggestions for Assessment) about what we know about caring for the environment. Children should come to realize the fact that everyone has a part to play in protecting natural resources, such as water, air, and food.
- Teachers can select and use an appropriate book as a read aloud. The selected book should address the topic of water. Chart or web the different forms of water in the book. What other forms of water can they name, for example: puddle, iceberg, etc. In small groups, ask children to make their own booklets “All about Water.”
- Teachers can, using water as one example of a natural resource, display a bottle of clean water and invite discussion about what they see. Ask questions as to where this water came from, etc. Lead or direct the discussion to focus on the idea that this water was around since prehistoric time. Ask children to work in groups to show ways that they use water on a daily basis. Share their work with the whole group and brainstorm ways they can conserve the use of water at home or in school. Some examples could include: turn off the water when brushing their teeth, not wasting water at the fountain, etc. Relate to the global level by discussing the fact that some children in the world do not have clean water for drinking.

1.2.3 Students will be expected to take age-appropriate action to practise responsible behaviour in caring for the environment.

Suggestions for Assessment**Suggested Links**

1.2.3 Students will be expected to take age-appropriate action to practise responsible behaviour in caring for the environment. *(continued)*

Outcomes

Students will be expected to

- identify examples of conservation and sustainability
- explain how conservation and sustainability are important to the environment
- promote sustainable practices on a local, national, and global level

Suggestions for Learning and Teaching

- Teachers can bring a globe into the classroom and ask the children to observe the large portion of the earth that is covered by water.
- Teachers can select and use an appropriate book as a read aloud. The selected book should introduce the three R's: Reduce, Reuse, Recycle. You may wish to do a recycling program in your classroom. With the students, set a goal for the class to bring in 10–15 containers each for a class recycling project. Take them to visit a recycling plant. Other activities could include “picking up garbage,” “planting trees or flowers,” or “making a compost”. Explore how other parts of the world care for their environment.
- Students can develop an activity or invention for conservation of a natural resource.

Teacher Talk

The forest, desert, oceans, etc., are habitats for a variety of animals and plants. Using their knowledge of the needs of all living things (food, water, air) students could explore how people around the world should care for the habitat of animals and plants in order to ensure their needs are met. Students should explore the importance of protecting these habitats, and that all living things depend on the environment. From this, ask students to identify personal actions they can take to contribute to a healthy environment.

- Students can take a nature walk or a guided tour of a stream, river, seashore, pond, meadow or park to observe different ecosystems that make up their environment. Make a class or individual accordion book to illustrate their observations.

1.2.3 Students will be expected to take age-appropriate action to practise responsible behaviour in caring for the environment. *(continued)*

Suggestions for Assessment**Suggested Links**

1.2.3 Students will be expected to take age-appropriate action to practise responsible behaviour in caring for the environment. *(continued)*

Outcomes

Students will be expected to

- identify examples of conservation and sustainability
- explain how conservation and sustainability are important to the environment
- promote sustainable practices on a local, national, and global level

Suggestions for Learning and Teaching

- Teachers can select and use an appropriate book as a read aloud. The selected book should explore natural habitats. After reading the book to the class, the teacher may wish to engage the children in a discussion of what the book has to say about natural habits and what they might do to protect them.
- Teachers can invite a guest speaker such as a forestry representative to bring in seedlings for all the students or someone from a fish hatchery.
- Students can make their own paper. Use the paper to make a card or poster for someone special. Ask children to think about, “What would happen if the large paper mills would recycle paper to make newspaper instead of using trees?”

1.2.3 Students will be expected to take age-appropriate action to practise responsible behaviour in caring for the environment. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - read a book about conservation
- Inquiry
 - discuss ways children use/conserves clean water daily
 - visit a recycling plant/project
- Participation
 - plant a tree; pick up garbage; make a compost
 - make recycled paper
 - observe bodies of water on a globe
 - bring to class 10–15 used containers for a class recycling project

Products Created/Written Evaluation/Portfolios

- the accordion book based on steps to conserve the environment
- the KWL Chart on conservation

Know	Want to Know	Learned

Summative

- Teachers could take the class on a nature walk and observe how well the environment of their community is being protected. Children could do an individual project after the walk.
- Teachers could invite a speaker to class to talk about a local recycling/environment project.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
 - *Hurt No Living Thing*, Shel Silverstein
 - *The Giving Tree*, Shel Silverstein
 - “The Way of Living Things,” Jack Prelustsky, Random House Books of Poetry
- Science
 - “Needs of Living Things”

Resources

- *Maps, Globes, Graphs*, Henry Stech
- *Common Ground: The Water, Earth, and Air We Share*, Molly Bang

Agencies/groups

National/International

Local

Unit 3: Place and Time

Overview

In this unit, children will practise mapping skills and explore the history of their community. They will develop an awareness that the way people live and the interaction among communities, evolve over time. Time is a concept that is new to children and discussion will have to be kept at the level of a six year old. In the previous outcome children would have explored the concept of “then” and “now.” Review these concepts and build on this prior knowledge.

This unit begins with a focus on geography and mapping skills. As children use and create simple maps, they will gain an understanding that signs, symbols, direction, and scale are used to represent landmarks and locations. In the second outcome, they will explore how their own community has evolved over time. In the next outcome, they will explore the relationship that Aboriginal peoples have with place in Atlantic Canada, and how this relationship has evolved over time. In some cases, teachers may decide to combine these last two outcomes as an integrated study. In the final outcome of the unit, students will learn how interactions between communities (such as fishing, farming, ethnic communities, or countries) have changed over time. The focus of this outcome is to show children that advances in communication and transportation have made the world smaller; that the production of goods and services has changed over time; and that we communicate/visit communities today that were almost impossible to be in touch with before.

Outcomes

Students will be expected to

- 1.3.1 demonstrate an understanding that signs, symbols, direction, and scale are used to represent landmarks and locations
- 1.3.2 demonstrate an understanding that the way people live in their community evolves over time
- 1.3.3 demonstrate an understanding that Aboriginal peoples’ relationship with place has changed over time
- 1.3.4 explain how interactions between communities (local, national, and global) have changed over time

Process and Skills Development

Communication

- point out places they know about on a simple wall map or globe
- create a time line using drawings/pictures of “then” and “now”
- create a time line of a story read in class
- contribute to discussion of a story read in class

Inquiry

- identify words associated with “directions” in a story

- illustrate a theme under headings: “past” and “present”
- ask questions about the past
- compare ice-boat travel with crossing Northumberland Strait today

Participation

- interpret simple maps for direction, clarity, and their understanding of the use of symbols and legends.
- role-play a story/legend/myth of the Mi’kmaq, Maliseet, Inuit or Innu
- gather and sort pictures about a theme and label “old” and “new”
- view videos/DVDs/books/pictures/photos/art depicting community activities over time

Suggested Time for Unit Completion

To be finalized by individual provinces.

1.3.1 Students will be expected to demonstrate an understanding that signs, symbols, direction, and scale are used to represent landmarks and locations.

Outcomes

Students will be expected to

- identify and develop signs and symbols used in legends on maps and globes
- give verbal directions using relative terms for different locations
- recognize that maps and globes are used to represent the world
- use signs and symbols on simple maps to identify and locate features within the school, community, and province
- create and use simple maps and/or models
- create and use pictures or develop symbols to represent features on a map

Suggestions for Learning and Teaching

Teacher Talk

As teachers, we cannot assume that all children are familiar with the vocabulary associated with direction, therefore, terms such as “up-down,” “over-under,” “east-west,” “north-south” need to be modelled so that students have a common understanding. This is something that could be done daily during the course of the school year. To assist students to become familiar with the use of maps and mapping, simple maps and globes should be part of the classroom and made readily available for students to examine whenever an opportunity is present. Classroom activities should involve students in their learning by providing as much movement and action as possible.

- Teachers can begin by teaching the concepts of location and direction using an appropriate book as a read aloud. As the story is read, draw attention to words used to describe the places, location, and direction.
- Teachers can, as a follow-up, take students on a walk through the school or in the community. Draw attention to the signs, particular rooms and the route they followed to get there. During the community walk point out directions, street names, buildings, landmarks, etc. On your return to the classroom, create a play space by drawing a large map of their community walk and place the map on the floor. Discuss with students what kind of symbols they could use to represent the many signs, buildings, streets, landmarks, etc., they saw on their walk. Ask students to create labels and colour in the map.
- Teachers know that students have some idea of what a map is, and have some practice using labels, symbols, and directions. Ask each student to draw a map of his/her own, showing the route he/she would take to get from his/her home to school.

1.3.1 Students will be expected to demonstrate an understanding that signs, symbols, direction, and scale are used to represent landmarks and locations.

Suggestions for Assessment**Suggested Links**

1.3.1 Students will be expected to demonstrate an understanding that signs, symbols, direction, and scale are used to represent landmarks and locations. *(continued)*

Outcomes

Students will be expected to

- identify and develop signs and symbols used in legends on maps and globes
- give verbal directions using relative terms for different locations
- recognize that maps and globes are used to represent the world
- use signs and symbols on simple maps to identify and locate features within the school, community, and province
- create and use simple maps and/or models
- create and use pictures or develop symbols to represent features on a map

Suggestions for Learning and Teaching

Teacher Talk

As teachers we realize that teaching “direction” is an ongoing activity that has to be done almost on a daily basis, and that every time we ask students to stand “beside” their seat, on the “left-hand” side, stand “behind” their seat or point “above” the table, “below” the table, they are learning the vocabulary used to indicate location and direction. Once students have a common understanding of terms associated with this outcome and have practice giving directions, using and drawing maps, the teacher is provided with an excellent opportunity to build on what students have learned.

- Students can examine a simple wall map and/or globe to locate their own community, province, and places they know about.
- Students can create a bulletin board or map of the school or playground. Ask students to make a key using symbols for doors, play equipment, trees, parking, etc.
- Students can select and use an appropriate book as a read aloud. The selected book should describe a trip. After reading the book to the class, the teacher may wish to ask the children to give a verbal account of the story and/or give a verbal account of a trip they have personally taken.
- Students make a map of their bedroom or another room in their house. Ask students to use their knowledge of mapping and have them create a fire safety escape map. Discuss beforehand with students the things they may use for symbols.

1.3.1 Students will be expected to demonstrate an understanding that signs, symbols, direction, and scale are used to represent landmarks and locations. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - point out places they know about on a simple wall map or globe
- Inquiry
 - identify words associated with “directions” in the story, *Go, Ducks, Go* and either give a verbal account of the ducks’ journey, or ask students to draw, label, and colour a map of the journey taken by the ducks (The teacher could put “start” and “end” on the map to assist students.)
 - create a wall grid and locate objects or classmates on the grid (Ask students “How would you find ... ?”)
- Participation
 - interpret simple maps for direction, clarity and their understanding of the use of symbols and legends
 - respond to the questions and comments of others when discussing symbols, landmarks, maps, etc.
 - create maps to show their level of understanding of maps, symbols, legends
 - bring to class various kinds of maps from home
 - locate objects in the classroom verbally and on simple maps

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
 - *Go, Ducks, Go*
 - *Where Is It?*, Karen Bryant-Mole
 - *Rosie’s Walk*, Pat Hutchins
 - *Dr. Seuss, Stop that Ball*, Dr. Seuss
 - *Round Trip*, Ann Jonas
 - *Hurry Up Franklin*
- Math
 - (direction)

Resources

- *The Living Atlas*
- *Rand McNally Beginner’s Atlas*
- *Mapping with Children*, David Sobel
- simple maps
- *Trudy’s Time and Play House* (computer software)

Agencies/Groups

National/International

Local

1.3.1 Students will be expected to demonstrate an understanding that signs, symbols, direction, and scale are used to represent landmarks and locations. *(continued)*

Outcomes

Students will be expected to

- identify and develop signs and symbols used in legends on maps and globes
- give verbal directions using relative terms for different locations
- recognize that maps and globes are used to represent the world
- use signs and symbols on simple maps to identify and locate features within the school, community, and province
- create and use simple maps and/or models
- create and use pictures or develop symbols to represent features on a map

Suggestions for Learning and Teaching

- Students can, as a culminating activity, look at a variety of maps that represent their community, province, country, and the world. Encourage students to bring to class any kind of map they can find such as tourist maps, bus route maps, attractions, etc., that they have seen. Discuss with students the various kinds of symbols, signs, colours, and legends used in these maps.
- Students can, as an alternative activity, create 3-D models of places familiar to them, such as their classroom or bedroom; school playground, or community using materials such as plasticine, milk cartons, popsicle sticks or pipe cleaners. Or students could create a simple map of their classroom, bedroom, or community using pictures/drawings to represent windows, doors, furniture, etc.

1.3.1 Students will be expected to demonstrate an understanding that signs, symbols, direction, and scale are used to represent landmarks and locations. *(continued)*

Suggestions for Assessment

Formative

Products Created/Written Evaluation/Portfolios

- the maps created by students
- the 3-D models of places familiar to them such as their classroom, school playground, community, house, etc., using simple materials such as plasticine, milk cartons, Popsicle sticks, pipe cleaners
- the drawing of a “bird’s-eye view” of the school grounds
- the drawing of a fire safety escape map for their house
- the participation/contribution and artistic skills in class activities while making the class play-space map of their school/community walk.

Summative

- Take your students on a nature walk and ask them to practise mapping by having them create a map of their walk, noting directions, landmarks, vegetation, water, paths, etc.
- Ask students to give direction for the route they would take to go to the bathroom, cafeteria, or gym, etc. Note words used by students associated with location and direction to see if they have learned the outcome.
- Give groups of two or three students a treasure map and ask them to find the treasure. Arrange with the teacher librarian, secretary, or custodian to have the “treasure” situated near them. When they have found the treasure, ask them, “What was difficult?” “How did you solve the problem of finding the treasure?” The follow up discussion and success will give you an insight into student ability and understanding in reading maps.
- Give each student a sticker that he/she hides in the classroom. Ask the student to draw a map to find his/her sticker. Exchange the map with another student so he/she can locate the sticker. Allow students to create their own symbols or ask everyone to use the same symbols (which would have been put on the blackboard) so that the students can practise incorporating a legend. Ask students to incorporate a legend on their maps. Observe how students locate the sticker.

Suggested Links

1.3.2 Students will be expected to demonstrate an understanding that the way people live in their community evolves over time.

Outcomes

Students will be expected to

- develop an understanding of time concepts
- identify reasons for settlement and development of the local community
- identify and describe changes in their local community over time
- create a simple time line to record events in their community's history
- recognize that their community consists of people and places with interesting stories to tell

Suggestions for Learning and Teaching

This is an opportunity to explore with children the meaning of such terms as: past, present, future, long ago, “before and after” and “then and now.”

- Teachers can explain to students that changes take place from day to day and demonstrate this by asking them to identify changes that have taken place during the past week. Emphasize that some changes occur slowly, like their hair growing or change may be more dramatic like the construction of a house.
- Students can develop a simple time line of important events that may happen throughout the school year. Provide children with a model by using an example of the construction of a building or the life of a pet. It is important that you introduce vocabulary such as “days,” “weeks,” “months,” “years,” and “today,” “past and present,” “before and after,” and the “future.”
- Students can participate in an activity using a clock. Teachers can ask students to look at the time on the clock and ask them what they do at that time of day. Each student could be provided with a drawing of a clock and be asked to colour in a period of time. Students could then be asked to tell the class what they do at that time.
- Teachers can select and use an appropriate book as a read aloud. The selected book should address the concept of “then and now.” After reading the book to the class, the teacher may wish to create a t-chart with the class identifying things from the story that fit into the categories of “then” or “now.”

1.3.2 Students will be expected to demonstrate an understanding that the way people live in their community evolves over time.

Suggestions for Assessment**Suggested Links**

1.3.2 Students will be expected to demonstrate an understanding that the way people live in their community evolves over time. *(continued)*

Outcomes

Students will be expected to

- develop an understanding of time concepts
- identify reasons for settlement and development of the local community
- identify and describe changes in their local community over time
- create a simple time line to record events in their community's history
- recognize that their community consists of people and places with interesting stories to tell

Suggestions for Learning and Teaching

Teacher Talk

Students' understanding of time will be further developed as they take part in an age-appropriate study of how and why their community developed.

- Teachers can invite a local historian or a knowledgeable member of the community to visit the class and tell about how the community got started, settled and developed. Ask the visitor to bring photographs. Before the visitor arrives, help students create a list of appropriate questions to ask. Some examples could include "Why was the community started?" "Who were the first settlers?" "Why did they come?" "What was life like?"
- Teachers can do a comparison chart of the community under the headings "past and present." Identify various topics of the community such as buildings, work, transportation, recreation. Fill in the chart as students respond to the questions about change in the community. Teachers may wish to invite grandparents/elders from the community and talk about what their childhood was like and how the community has changed.
- Students can visit a local museum or an historic site in their community to learn more about settlement, development, and change in their community.
- Students can develop a simple time line that records events of their community's history using information provided by a visitor to class, museum visit, or chart created about their community.

1.3.2 Students will be expected to demonstrate an understanding that the way people live in their community evolves over time. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - create a time line of their school year
 - create a simple time line of their community's history
- Inquiry
 - create a time line after reading to the class a story such as *Love You Forever* by Robert Munsch
 - list questions to ask a guest
- Participation
 - fill in comparison chart
 - record a story
 - create a simple display of artifacts

Products Created/Written Evaluation/Portfolios

- the portfolio of student time lines, drawings, “past and present” activities
- the drawing of a clock coloured in

Summative

- Provide each child with a sheet of paper that is folded in two sections: “past” and “present.” Ask each child to choose a theme such as transportation, buildings, industries and illustrate it using drawings/pictures.
- Provide students with a collection of pictures/photographs that represent “then and now” of technologies, clothing styles, transportation and have them label each picture “old” and “new.”
- Ask students to do a dramatic skit to illustrate how a technology has changed their everyday lives.
- Ask students to incorporate technology by using a calendar-making website on a computer.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

- *Beginning Map Skills*, John and Patty Carratello
- *Something from Nothing*, Phoebe Gilman
- *Great Maritime Inventions*, Mario Theriault
- *Encyclopedia of American Cars*, Beekman Publishers
- *How a House Is Built*, Gail Gibbons

1.3.2 Students will be expected to demonstrate an understanding that the way people live in their community evolves over time. *(continued)*

Outcomes

Students will be expected to

- develop an understanding of time concepts
- identify reasons for settlement and development of the local community
- identify and describe changes in their local community over time
- create a simple time line to record events in their community's history
- recognize that their community consists of people and places with interesting stories to tell

Suggestions for Assessment

- Teachers can talk with students about how stories (oral/written) tell us about our history. Teachers could share simple stories or ask a visitor to tell stories about the community.
- Students can record stories and share these with the class.
- Students can create a simple display about the history of their community.

1.3.2 Students will be expected to demonstrate an understanding that the way people live in their community evolves over time. *(continued)*

Suggestions for Assessment

Suggested Links

Resources

- *Samuel Todd's Book of Great Inventions*, E. L. Konigsburg
- *What Happens When* (Big Book)
- *Love You Forever*, Robert Munsch
- *The Grouchy Ladybug*, Eric Carle
- *Time* (Big Book), Scholastic

Agencies/Groups

National/International

Local

- grandparent/elder
- historian

1.3.3 Students will be expected to demonstrate an understanding that Aboriginal peoples' relationship with place has changed over time.

Outcomes

Students will be expected to

- recognize that there are Aboriginal peoples
- compare where Aboriginal peoples live today and lived in the past
- give examples of past and present interaction between Aboriginal peoples and place

Suggestions for Learning and Teaching

Teacher Talk

Aboriginal peoples have inhabited Atlantic Canada since time immemorial. Four traditional aboriginal groups are the Mi'kmaq, Maliseet, Inuit, and Innu peoples. Each developed a distinct relationship with place including the land, water, resources, and climate. The purpose of this outcome is to help children develop an awareness of, and an appreciation for, Aboriginal communities in the Atlantic region. They will also learn that the relationship Aboriginal peoples have with place has changed over time.

The focus of this outcome is change over time. It is important that the outcome not be a stereotypical study of early Aboriginal peoples. Teachers can point out that there are numerous Aboriginal communities in the Atlantic region. The intent is to have students realize that Aboriginal communities, like all communities, evolve over time. In the next outcome students will study how their community has evolved over time. In some cases the two outcomes (1.3.2 and 1.3.3.) can be combined. Teachers should encourage students to read and discuss Aboriginal stories throughout the year.

- Teachers can select and use an appropriate book as a read aloud. The selected book should address the concept of sharing from an Aboriginal perspective. After reading the book to the class, the teacher may wish to engage the children in a discussion of what the book has to say about sharing and how this might be similar to things they have experienced themselves.
- Teachers can show students a map of their province and point out Aboriginal communities. Then, using an example of a local Mi'kmaq, Maliseet, Inuit, or Innu community, do a case study "then and now." You could use a "woods and waters" theme. As a class, develop a simple time line of the significant events of the Maliseet, Mi'kmaq, Inuit, or Innu community.

1.3.3 Students will be expected to demonstrate an understanding that Aboriginal peoples' relationship with place has changed over time.

Suggestions for Assessment**Suggested Links**

1.3.3 Students will be expected to demonstrate an understanding that Aboriginal peoples' relationship with place has changed over time. *(continued)*

Outcomes

Students will be expected to

- recognize that there are Aboriginal peoples
- compare where Aboriginal peoples live today and lived in the past
- give examples of past and present interaction between Aboriginal peoples and place

Suggestions for Learning and Teaching

Teacher Talk

Aboriginal communities throughout Atlantic Canada represent a rich legacy of traditions, stories, myths and legends. Like all peoples, the Mi'kmaq, Maliseet, Inuit, and Innu have interesting stories to tell that describe their relationship with their environment in the Atlantic region.

- Teachers can invite a member of the Mi'kmaq/Maliseet/Inuit/Innu community to class. Ask the guest to tell a story, myth, or legend. Ask him/her to focus on the relationship Aboriginal peoples have with their environment and how this relationship has changed over time. Or ask the guest to demonstrate a craft and show how it has evolved over time. Your school could hold an Aboriginal Day for children with games, stories, and legends.

1.3.3 Students will be expected to demonstrate an understanding that Aboriginal peoples' relationship with place has changed over time. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - create a time line using drawings/pictures of “then and now” that represent the changes of the First Nations community explored
- Inquiry
 - illustrate a theme with a drawing/picture such as clothing, transportation, buildings, hunting, fishing by using a sheet of paper that is folded into two sections: “past and present”
- Participation
 - learn/play an Aboriginal game
 - illustrate/make drawings of an event in a piece of literature read to the class

Products Created/Written Evaluation/Portfolios

Summative

- Ask children to role-play a story/myth/legend of the Mi'kmaq, Maliseet, Inuit, or Innu.
- Provide children with a collection of pictures/photographs representing technologies, clothing, transportation “then and now” of a Mi'kmaq, Maliseet, Inuit, or Innu community. Label each picture “old” or “new.” Ask children to explain the change they see.
- Ask students to make a decorative greeting created in Mi'kmaq, Maliseet, Inuit, or Innu language.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics
- Science
 - environment

Provincial Curriculum

- Art

Resources

- “Crow and Little Bear” from The Learning Circle (ages 4–7)
- *Legends of Prince Edward Island*, F H MacArthur
- *Place Names of Atlantic Canada*, William Hamilton

Agencies/Groups

National/International

- First Nations

Local

- Mi'kmaq, Maliseet, Inuit, Innu elder

1.3.4 Students will be expected to explain how interactions between communities (local, national, and global) have changed over time.

Outcomes

Students will be expected to

- recognize that various kinds of communities exist in their province, country, and the world
- identify and describe how changes in transportation have allowed communities to interact more closely with one another
- identify and describe how changes in communication have allowed communities to interact more closely with one another

Suggestions for Learning and Teaching

Teacher Talk

The focus of this outcome is to help students understand that interactions between communities within their province, country, and around the world have increased with advances in communication and transportation. In the past, distance was measured in kilometres but today we measure distance in hours or the time it takes to communicate/travel from place to place. This is an outcome that deals with geography and history.

- Teachers can explain to students that there are various kinds of communities, such as ethnic communities, fishing/farming/mining communities, rural/urban communities, desert/polar communities, far away and nearby communities, and that there are communities we communicate with or visit today that were almost impossible to be in touch with before. Teachers could use stories, information texts, and maps to reinforce these ideas.
- Students can look at a map of their province. Ask them to identify places they know about. Begin by locating the local community and then identify neighbouring communities.
- Teachers can explore with students the interactions that take place among these communities. Use examples such as location of sports/cultural events, recreation, and places to shop. Ask students to identify, on a local map, the communities they shop in, visit for sports and recreation, or visit family and friends.
- Students can view a video that shows how communities across the country interact with one another. Communication and transportation links could be discussed also.

1.3.4 Students will be expected to explain how interactions between communities (local, national, and global) have changed over time.

Suggestions for Assessment**Suggested Links**

1.3.4 Students will be expected to explain how interactions between communities (local, national, and global) have changed over time. *(continued)*

Outcomes

Students will be expected to

- recognize that various kinds of communities exist in their province, country, and the world
- identify and describe how changes in transportation have allowed communities to interact more closely with one another
- identify and describe how changes in communication have allowed communities to interact more closely with one another

Suggestions for Learning and Teaching

- Students can create a collage to represent the variety of communities that exist (local, national, and global).
- Students can use pictures to compare and contrast how communication and transportation have changed over time. Teachers could ask questions such as: “How did people travel before the automobile?” “How did people communicate before the telephone?”
- Students can look at videos, books, pictures, photographs, and art that depicts transportation and communication in their community. Discuss similarities and changes. Explore how these changes have affected interaction between communities.
- Students can create a transportation centre that would allow students to explore various types of transportation. Students can see how transportation has changed and how transportation (busses, trains, airplanes, ferries) helps people interact with each other.
- Teachers can invite a guest speaker to class, such as a letter carrier, and ask the guest to explain the changes that have taken place in mail delivery in their community over time.
- Teachers can invite a speaker to discuss changes about how people communicate with each other (computer, telephone, radio, TV, newspaper).
- Teachers can collect and display samples of products or promotional materials from various fields of communication (community newspapers, flyers, magnet ads, pens, mugs).
- Teachers can create a simple communication medium or device in the classroom (newspaper, tin-can telephone, T-shirt).

1.3.4 Students will be expected to explain how interactions between communities (local, national, and global) have changed over time. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - respond to a story read in class such as *Bread, Bread, Bread* by Ann Morris
- Inquiry
 - ask questions of guest
 - compare travel “past and present”
- Participation
 - look at videos, books, pictures/photos and art that depict community activities over time and today

Products Created/Written Evaluation/Portfolios

Summative

- Ask students to create a class book about the impact one invention has had on society. An example could be the telephone, electricity, the computer, or TV. Ask children to write a statement: “With a telephone I can ... Without a telephone I cannot ...”
- Make a list of goods and services available in your community. Ask each child to choose one from the list and illustrate the past equivalent. For example: “In the past people had gardens and grew their own vegetables ... Today they ...”
- Ask students to look at a current map/globe where early settlers of the Atlantic region travelled and lived. Discuss with children how people communicated and travelled. Discuss how this has changed. Create a simple time line of technology and transportation.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics
- Science

Provincial Curriculum

- Art

Resources

- *Across a Bridge*, Ryan Ann Hunter
- *Bread, Bread, Bread*, Ann Morris
- *Over Canada*, Royal Bank of Canada (video)

Agencies/Groups

National/International

Local

- Department of Tourism
- maps of your province

Unit 4: Needs and Wants

Overview

This unit introduces students to simple economic concepts that they experience in their daily lives. In the first outcome, students will build on what they learned about needs/wants in their kindergarten year. As they investigate this topic, they will gain a greater understanding that all people have similar needs, that wants vary from person to person, and that respect for other people's needs and wants is important. In the second outcome, students will explore a variety of factors that influence how needs and wants are met and will identify such ways as working, sharing, trading, borrowing, and giving. They will explore some of the services and facilities available in their community and understand that people need to co-operate with each other to meet their various needs and wants. They will gain an understanding of the importance of volunteer work in their community, and identify some of the factors that influence their choices as consumers. In the third outcome, students will gain an understanding of how communities depend on each other for the exchange of goods and services and examine some of the factors that influence the availability of goods and services in their community. They will recognize that goods produced and services available in one community may be different from those goods produced or services available in other communities. Students will expand their understanding of how communities (local, national, and global) depend on each other for goods and services.

Outcomes

Students will be expected to

- 1.4.1 recognize that all people have needs and wants
- 1.4.2 demonstrate an understanding of the factors that influence how needs and wants are met
- 1.4.3 demonstrate an understanding of how communities depend on each other for the exchange of goods and services

Process and Skills Development

Communication

- make a list
- discuss/respond to a story read in class
- draw/write a response related to the exchange of goods/services between communities
- respond to a guest speaker or visit to a local service facility

Inquiry

- interview a person about their needs/wants
- identify items in the classroom that are borrowed/shared
- contribute to class discussion of the difference between needs/wants

Participation

- contribute to the product/mapping activity

Suggested Time for Unit Completion

To be finalized by individual provinces.

1.4.1. Students will be expected to recognize that all people have needs and wants.

Outcomes

Students will be expected to

- recognize that all people have similar needs
- give examples of how wants vary from person to person due to a variety of factors
- demonstrate age-appropriate actions that show respect for other people's needs and wants

Suggestions for Learning and Teaching

Teacher Talk

Needs and wants were introduced to children in the kindergarten curriculum. Students should have gained an understanding of what needs and wants are. Review the meaning of the two concepts. For example, you could point out that a “need” is something that is necessary for survival, such as food, clothing, shelter, love, and the need to belong; and that a “want” is something that a person desires/wishes, such as a trip to Disneyland or a new toy but is not necessary for survival. Students would have identified some of the “needs” common to all children and should have an awareness that people of all ages have needs and a variety of wants.

- Teachers can review the concept of needs and wants. Imagine they have been stranded on a deserted island with no adults and they have only ten wishes. What would they be? Ask children which of the wishes are needed for survival? Which are wants? As a class make a list of needs and wants.
- Teachers can display a poster of items representing “needs” and “wants.” Ask children to identify the items they see which are necessary (needs) and which are not (wants). Then ask children to create their own poster with pictures, drawings under the headings: needs and wants. Clothes pins could be used to place the pictures on the poster under the appropriate headings. Display the posters and as a class have children identify all the similar needs they see from one poster to another. This would be a good opportunity to establish an awareness that children everywhere have basic needs/wants.
- Teachers can extend the previous activity to demonstrate that all living things have basic needs for survival. Discuss with students the needs of a pet or a person. Identify the needs common to both. Use a Venn diagram to chart the similarities and differences.

1.4.1. Students will be expected to recognize that all people have needs and wants.

Suggestions for Assessment**Suggested Links**

1.4.1. Students will be expected to recognize that all people have needs and wants. *(continued)*

Outcomes

Students will be expected to

- recognize that all people have similar needs
- give examples of how wants vary from person to person due to a variety of factors
- demonstrate age-appropriate actions that show respect for other people's needs and wants

Suggestions for Learning and Teaching

- Teachers can select and use an appropriate book as a read aloud. The selected book should address the topic of food or clothing from around the world. Ask students to suggest reasons why we need shelter. How does their family meet the child's need for shelter? What parts of our homes fill the need for shelter and which ones are for wants? Display pictures of various homes from around the world. Identify possible materials used for construction. Make connections between the materials available, climate, and the type of home built. Then ask children to create a big book to illustrate the need for shelter around the world.

Teacher Talk

Once children have established an understanding of the difference between needs and wants, they should have developed some awareness that wants vary from person to person, depending on a variety of factors such as where a person lives, his/her age, interests, activities, peer pressure, advertising.

- Students can create a big picture book. Divide the book into five sections. Ask children to draw or cut and glue pictures of people of different ages for each section: for example: baby, 6 year old, teenager, adult, senior citizen. Then ask children to draw or cut and glue pictures showing the various things a person wants for each age. Similar books could be developed to show differences in wants related to where people live or their interests.

1.4.1. Students will be expected to recognize that all people have needs and wants. *(continued)*

Suggestions for Assessment**Suggested Links**

1.4.1. Students will be expected to recognize that all people have needs and wants. *(continued)*

Outcomes

Students will be expected to

- recognize that all people have similar needs
- give examples of how wants vary from person to person due to a variety of factors
- demonstrate age-appropriate actions that show respect for other people's needs and wants

Suggestions for Learning and Teaching

Teacher Talk

This would be a good opportunity to expand on what children have learned about the various needs/wants of all people, and help them develop an understanding that we need to respect the needs/wants of people everywhere, by doing such things as being friends, sharing, talking to people, helping others, listening attentively, allowing for privacy, and sharing concerns.

- Students can conduct an interview with a younger/older sibling, a parent, grandparent, or some other person. Ask them "What are five things you really need and what are five things you really want?" Teachers could talk about the responses from the interviews and why we need to respect a person's needs and wants.
- Teachers can recognize student actions that show respect for other people's needs and wants in the Passport to Citizenship or Good Deed Book.

1.4.1. Students will be expected to recognize that all people have needs and wants. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - list ten wishes
- Inquiry
 - interview a person about their needs/wants
- Participation
 - contribute to responses that demonstrate their understanding of needs and wants; and respect for others' wants

Products Created/Written Evaluation/Portfolios

- the poster with headings: "Needs and Wants"
- the Venn diagram to show similar needs and wants of animals and people
- the Big Book of pictures representing the needs for shelter around the world
- the Big Book of pictures representing needs and wants of people, depending on their age

Summative

Ask children to interview another person to identify his/her needs and wants (age, location).

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

- *Byron through the Seasons*, La Rouche Children
- *A Tiny Seed*, Eric Carle
- *The Very Hungry Caterpillar*, Eric Carle
- *A House for Hermit Crab*, Eric Carle
- *A Very Grouchy Ladybug*, Eric Carle
- *Houses around the World*
- *My Friends, My Family and Me*, Frank Schaeffer Publishers
- *Tony's Bread*, Tome De Paolo

Agencies/Groups

National/International

Local

1.4.2 Students will be expected to demonstrate an understanding of the factors that influence how needs and wants are met.

Outcomes

Students will be expected to

- identify different ways people's needs and wants are met
- give examples of services/facilities that meet the needs and wants of people
- recognize the need for people to co-operate with each other in their community to meet their various needs and wants
- recognize the importance of volunteer work
- identify some of the factors that influence their choices as consumers

Suggestions for Learning and Teaching

Teacher Talk

In the previous outcome students would have identified differences between a need and a want, and that needs and wants of people may vary depending on their age, situation in life, or where they live. The focus of this outcome is to help students understand that there is a variety of ways, such as by working, trading, sharing, borrowing, giving and volunteering that allow people to meet their needs and wants. Children are aware that most of their needs/wants are provided for by adults; however, students do make some choices as consumers.

- Teachers can select and use an appropriate book as a read aloud. The selected book should address the idea that working is one way to meet needs and wants.
- Teachers can point out that most people work for money to buy what they need/want. Explain to children that there is a variety of jobs that people do for pay, and that there is paid work and unpaid work. Explain that unpaid work is provided by volunteers who expect nothing in return. Ask children to identify other kinds of ways there are to meet their needs/wants. You could prompt them by suggesting examples such as: by working, trading, giving/sharing, bartering, borrowing, recycling. Focus on the importance of belonging to a family and having friends. Point out to children that people often co-operate with each other to obtain their needs/wants.

1.4.2 Students will be expected to demonstrate an understanding of the factors that influence how needs and wants are met.

Suggestions for Assessment**Suggested Links**

1.4.2 Students will be expected to demonstrate an understanding of the factors that influence how needs and wants are met. (continued)

Outcome

Students will be expected to

- identify different ways people's needs and wants are met
- give examples of services/facilities that meet the needs and wants of people
- recognize the need for people to co-operate with each other in their community to meet their various needs and wants
- recognize the importance of volunteer work
- identify some of the factors that influence their choices as consumers

Suggestions for Learning and Teaching

- ♥ Students can brainstorm to identify services/facilities available in their community. Some services/facilities students may be aware of could include such things as hospitals, libraries, clinics, senior citizens' housing, day-cares, food banks, police, fire protection, recreation facilities, stores, places of worship, and schools. Also include children's groups such as Sparks and Brownies. List and display. **Ask students if they use any of these services.** Invite a guest speaker from the community and ask the guest to tell the class the service his/her organization/occupation provides. Or as a class, visit a local facility that meets the needs of the community. Try to visit places children haven't visited, such as the waste management, sewage treatment facility, the food bank, or seniors' housing.

Teacher Talk

The needs/wants of people living in their community depends on many people/organizations/groups working together in a co-operative effort. Review with children what they learned about "groups" in unit one and how people work together with each other to meet the various needs/wants of people of their community.

- Teachers can select and use an appropriate book as a read aloud. The selected book should deal with the topic of a community coming together to help members of the community. After reading the book to the class, the teacher may wish to engage the children in a discussion of how their own communities work together to help all members.

1.4.2 Students will be expected to demonstrate an understanding of the factors that influence how needs and wants are met. (continued)

Suggestions for Assessment**Suggested Links**

1.4.2 Students will be expected to demonstrate an understanding of the factors that influence how needs and wants are met. *(continued)*

Outcomes

Students will be expected to

- identify different ways people's needs and wants are met
- give examples of services/facilities that meet the needs and wants of people
- recognize the need for people to co-operate with each other in their community to meet their various needs and wants
- recognize the importance of volunteer work
- identify some of the factors that influence their choices as consumers

Suggestions for Learning and Teaching

Teacher Talk

As a follow-up, you could use the classroom/school as an example to demonstrate how students/teachers/staff co-operate by sharing to meet their needs. This would also be a good opportunity to teach children about respect for other's needs and responsibility when items are shared/borrowed.

- Students can identify items in the classroom or school that are borrowed/shared. For example, the item could be play equipment, pencil, or toy; or the teacher may borrow a storybook or piece of equipment. Then ask the class to suggest the responsibility associated with this method of transaction.
- Students can name a project taking place in their community such as the construction of a house or recreation park that involves the co-operation of many people: carpenters, plumbers, electricians, plasterers, painters. As a class create a list of the people involved. Cut/draw pictures and create a display. Discuss how they work together.

Teacher Talk

Many things that people need and want are provided for by volunteers who do not get paid for what they do. Personal enjoyment and a sense of duty as good citizens are their rewards. Focus on the fact that many services are provided by volunteers such as fire protection, service clubs, Sparks, Brownies, Meals-on-Wheels, Block Parents, and Neighbourhood Watch and that without volunteers many of the things people need would not be provided.

- Teachers can help children understand the concept of "unpaid work," the many services it provides to people, and the personal satisfaction and enjoyment derived from being a volunteer.

Select and use an appropriate book as a read aloud. The selected book should address the importance of doing things for others. Ask the class to identify and list volunteers they know about such as volunteer firefighters, etc. If children demonstrate a natural curiosity, arrange for the class to meet a volunteer and invite him/her to class.

- Teachers can acknowledge any volunteer work done by students in their Passport to Good Citizenship or Good Deed Book.

1.4.2 Students will be expected to demonstrate an understanding of the factors that influence how needs and wants are met. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - write/draw a response of one need and one want. For example a prompt sentence such as: “I get my clothes from ...”
 - write/draw a response related to the volunteer’s visit to class
- Inquiry
 - cut/draw pictures of ways people meet their needs/wants (Pin the pictures on a clothesline.)
 - identify and list services/facilities available in their community
 - identify one example within the community that is maintained by volunteers
 - identify items in the classroom or school that are borrowed/shared
 - create a “paper quilt” for display using drawings each student has made of a service/facility in their community
 - name a project taking place in the community and create a list of the people involved
- Participation
 - contribute to discussion to a story read in class
 - contribute to discussion of how the community meets needs/wants of its members
 - draw/cut pictures that illustrate one influence that affects a choice they make as a consumer
 - identify and list volunteers of the community
 - identify a fad, toy, clothing, or item and discuss how it affects one’s needs/wants

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics
- Science

Provincial Curriculum

- Art

Resources

- *The Paper Boy*, Dave Pilkey
- *Clifford’s Good Deeds*, Norman Bridwell
- *Clifford Gets a Job*, Norman Bridwell
- *Clifford the Firehouse Dog*, Norman Bridwell
- *Daddies at Work*, Eve Merriam
- *Mommies at Work*, Eve Merriam

1.4.2 Students will be expected to demonstrate an understanding of the factors that influence how needs and wants are met. *(continued)*

Outcome

Students will be expected to

- identify different ways people's needs and wants are met
- give examples of services/facilities that meet the needs and wants of people
- recognize the need for people to co-operate with each other in their community to meet their various needs and wants
- recognize the importance of volunteer work
- identify some of the factors that influence their choices as consumers

Suggestions for Learning and Teaching

♥ Teacher Talk

Very young children are aware of some of the influences that affect their choices as consumers. For example, brand names, peer pressure, what friends have, and advertising are influences they know about. Focus on the child as a consumer and help him/her explore good decision making practices. **Teachers should be careful not to promote any fad, product, brand name, or place children in a situation that would make them uncomfortable or feel left out.**

- Teachers can select and use an appropriate book as a read aloud. The selected book should address that there are many things that influence their choices as consumers. Then ask the class to identify one fad, toy, clothing or item and ask: "Where is it advertised?" "How does it affect your needs/wants?" Alternatively, ask children "If you are hungry when you go to the supermarket, how may this affect what you buy?"

1.4.2 Students will be expected to demonstrate an understanding of the factors that influence how needs and wants are met. *(continued)*

Suggestions for Assessment

Formative

Products Created/Written Evaluation/Portfolios

- the writings/drawings/pictures students create/gather
- the list of services/facilities in their community
- the clothesline of pictures

Summative

- As a class, chart six ways “needs and wants” are met in society. Give an example for each. Note responses that children give that demonstrate how they meet their needs/wants. Discuss contributions each child provides.
- As a class visit a local facility that meets the needs of the community.
- If children demonstrate a natural curiosity about the volunteers they know about, arrange for the class to meet a volunteer and invite him/her to class.
- As a class ask children to make a “tree-and-leaf” representation that demonstrates how their community cares for children, the sick, seniors.
- Ask children to, as a class or in groups, using simple materials such as blocks or Popsicle sticks, construct a model of a facility in their community that provides a service/facility. Observe their understanding of co-operation as they work on the project.
- As a class activity ask children to plan and participate in an example of co-operation to help out someone in their community.

Suggested Links

Resources

- *Uncle Willie and the Soup Kitchen*, DyAnne diSalvo-Ryan
- *The Clean-Up Surprise*
- *Alexander Who Used to Be Rich*, Judith Viorst
- *Berenstain Bears’ Trouble with Money*, Stan & Jan Berenstain
- *Big Bird Goes to Hospital* (See Children’s Workshop Video Series.)
- *Communities*, G. Saunders-Smith

Agencies/Groups

National/International

- Sparks, Brownies, etc.

Local

- any service club member/volunteer
- supermarket, farm, factory

1.4.3 Students will be expected to demonstrate an understanding of how communities depend on each other for the exchange of goods and services.

Outcomes

Students will be expected to

- recognize the difference between goods and services
- give examples to show that communities produce different goods
- recognize that services available in one community may be different from those available in other communities

Suggestions for Learning and Teaching

Teacher Talk

Students will need to know that needs and wants are provided by goods and services. “Goods” are tangible things such as food, clothing, autos, bikes, toys that are manufactured or made; and “services” are intangibles such as benefits/work, health care, bussing, schools, recreation, letter delivery, milk delivery, plumbing, and electrical services. Point out to students that some goods/services may not be available in their community but may be available in other communities.

- Teachers can provide students with a simple map of their local area and ask them to draw/cut out pictures/symbols of products produced there and place them on the map.
- Students can make a poster/collage using pictures to represent a variety of examples of “Goods” and “Services” found in their community. This would be a good opportunity to review with students that all the goods and services they need may not be available in their community, and that communities (rural and urban) within their province/country and around the world need to depend on each other.

1.4.3 Students will be expected to demonstrate an understanding of how communities depend on each other for the exchange of goods and services.

Suggestions for Assessment**Suggested Links**

1.4.3 Students will be expected to demonstrate an understanding of how communities depend on each other for the exchange of goods and services. *(continued)*

Outcomes

Students will be expected to

- recognize the difference between goods and services
- give examples to show that communities produce different goods
- recognize that services available in one community may be different from those available in other communities

Suggestions for Learning and Teaching

Teacher Talk

As students develop an understanding that many of the things they and their family use may not be available in their local community, the teacher can explain some reasons such as: climate/weather, place, natural resources, population, expertise and transportation. Many of these factors relate to the difference between urban/rural communities.

- Students can create a display showing the differences between rural and urban communities.
- Teachers can give each student an item (word, picture, model) and ask them to show whether it best fits in a rural, urban community or both.
- Teachers can do a case study of two communities children know about. Try to use a rural and urban community. Make a list of the “goods/services” available in each community. Teachers could discuss reasons why some goods/services are not available.
- Teachers can take the class on a field trip to a supermarket. Discuss with children such questions as: “What goods/services does a supermarket provide?” “How do goods get transported to the supermarket?”

1.4.3 Students will be expected to demonstrate an understanding of how communities depend on each other for the exchange of goods and services. *(continued)*

Suggestions for Assessment**Suggested Links**

1.4.3 Students will be expected to demonstrate an understanding of how communities depend on each other for the exchange of goods and services. *(continued)*

Outcomes

Students will be expected to

- recognize the difference between goods and services
- give examples to show that communities produce different goods
- recognize that services available in one community may be different from those available in other communities

Suggestions for Learning and Teaching

- Students can draw/cut out pictures of some of the many kinds of transportation used to bring goods to market.
- Students can collect labels of foodstuffs, clothing, or bring in an item from home. Identify which items are produced/created locally and those that have to be imported. “Where do the items come from?” “How do they get here?” Using a world map and pins, locate where each product originated. Discuss how the items might have been transported.
- Teachers can work with students to create a survey on the availability of services. Use the table provided below as a template.

Services	Local Community	Nearest Community	Nearest Town/City	Other
gas station				
medical				
fire protection				
police				
convenience store				
dry cleaning				
professional sports/games				

1.4.3 Students will be expected to demonstrate an understanding of how communities depend on each other for the exchange of goods and services. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - draw/write a response of one advantage of the exchange of goods/services between communities.
- Inquiry
 - respond using a drawing/writing to a guest speaker or visit a local service facility
- Participation
 - contribute to discussion
 - map a label/product brought to class

Products Created/Written Assessment/Portfolios

- the poster/collage children made of the “goods and services” found in their community.

Summative

- Ask students to create a class book that identifies the needs of children and how those needs are met. Each child could contribute a two-page spread. For example, the left page could say: “We need milk to make our bones strong.” And the right page could say: “Milk comes from the dairy farmer. It comes in big trucks.”
- The teacher could do a case study with the class comparing the goods/services available in a rural and urban community.
- Ask students to make a picture book/collage/poster of some kinds of transportation used to bring goods to market.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

- *Milk Makers*, Gail Gibbons
- *Supermarket*, Gail Smith-Saunders

Agencies/Groups

National/International

Local

- farm, factory

|

Grade 2: Change

Grade 2: Change

Year Overview

Change is the conceptual organizer for Grade 2. This concept is critical to the study of social studies. In today's rapidly changing world, an understanding of change contributes to the development of students as citizens of their community, their country, and the world. Students will build on what they explored in the social studies from previous years where they examined the concepts of connections and interactions. Both of these concepts are related to change. They will develop an awareness and confidence that change is very much a part of their lives. Students will explore change as it relates to people, technology, economics, and the environment.

In the first unit, students will examine change as it relates to individuals, groups, and communities. In the second unit, students will explore the changing nature of technology and its impact on their daily lives. The study of economic change in the third unit will enable students to extend their understanding of basic economic concepts including economic decision-making, supply and demand, and the changing nature of work. An examination of environmental change, the focus of the fourth unit, will allow students to investigate the changing features of the physical environment and to examine sustainable development practices at the local, national, and global levels.

Unit 1: People

Overview

In this first unit, students are provided with exciting opportunities to describe change in their daily lives and to explain their reactions to these changes. They will learn how people and groups of people have contributed to change over time and identify examples of how change is a result of decisions made by individuals and diverse groups in the school, community, and province. They will predict ways their community may change in the future and how they can contribute to that future.

Outcomes

Students will be expected to

- 2.1.1 describe changes in their lives and their reactions to these changes
- 2.1.2 demonstrate an understanding of how individuals and groups have contributed to change
- 2.1.3 explain how decisions made by individuals and diverse groups result in change (local, national, and global)
- 2.1.4 predict ways their community might change in the future and how they can contribute to that future

Processes and Skills Development

Communication

- respond to a prompt sentence making predictions about themselves
- respond to a community guest speaker
- generate a list of decisions
- list changes that take place daily in your life
- illustrate examples of change

Inquiry

- make predictions
- chart changes in their community
- survey the class/school about change
- prepare a time line

Participation

- contribute to discussion about change
- collect new items
- predict changes for their community

Suggested Time for Unit Completion

To be finalized by individual provinces.

2.1.1 Students will be expected to describe changes in their lives and their reactions to these changes.

Outcomes

Students will be expected to

- describe different stages in their lives
- predict and explain needs and wants at different stages in their lives
- describe feelings when confronted with change
- recognize that there will always be change in their lives

Suggestions for Learning and Teaching

Teacher Talk

In this unit students will explore the concept of change in their lives and how they feel about and react to change. They will learn that change is always taking place, does so in stages and has a relationship with the past, present and future.

Time is an important concept for this unit, particularly as it relates to different stages of life (infant, child, teen, adult, elder). Students will further develop an awareness that there is more to time than hours, minutes and seconds. The teacher could point out broader terms of time such as years, decades and centuries. The terms past (yesterday, long ago), the present (today), and the future (tomorrow, next week) are also important aspects of time. Through the exploration of time, students will realize that time brings about change.

- ♥ Teachers can ask students to think of a change they feel was significant that has taken place in their lives over the past few years. Prompt the class by suggesting events such as changing grades, moving to a new school, losing a tooth, getting a pet. **Teachers need to be sensitive to the fact that a student could have lost a parent, or is experiencing a divorce.** Point out that as the years go by a person goes through “stages” of life such as baby, child, teen, adult, etc.
- Students can create a time line to show changes related to their lives.
- Teachers can ask students to bring pictures to class of themselves as babies. Display the pictures and make a game out of asking students connect pictures with individuals. Ask them to draw pictures of what they might look like as teenagers and adults. Develop a time line of themselves by displaying their drawings beside their baby pictures.

2.1.1 Students will be expected to describe changes in their lives and their reactions to these changes.

Suggestions for Assessment**Suggested Links**

2.1.1 Students will be expected to describe changes in their lives and their reactions to these changes. *(continued)*

Outcomes

Students will be expected to

- describe different stages in their lives
- predict and explain needs and wants at different stages in their lives
- describe feelings when confronted with change
- recognize that there will always be change in their lives

Suggestions for Learning and Teaching

Teacher Talk

Students would have been introduced to the concepts of needs and wants in kindergarten and further developed these concepts in Grade One. Students will need to be guided as they review their past needs and explore their present and future needs. Point out that their needs, likes, and dislikes change over time. Use the terms “past,” “present,” and “future” here. Focus on the ways they will change in the future by becoming a teenager, adult, elder and the responsibilities they will have. You could use examples of change in relation to their schooling, skills and attitudes, changes in bedtime, setting goals for themselves, and learning new things.

- Students can draw representations of themselves in various stages of life such as a baby, grade two student, teenager, adult, elder. Make a needs and wants chart by dividing a page into five sections. Place drawings or cut out pictures in each section showing the different needs and wants at different stages.
- Students can make a time line of themselves for the future. Or you could ask students the question: “How may you see yourselves by the time of graduation from school?” and suggest they write a letter/make a drawing to themselves predicting their future. Create a time capsule of their responses and put it away in a safe place to be opened on graduation day.
- Students can make predictions regarding future needs and discuss them. Some suggestions are
 - “If I have red hair now, will I have red hair in the future?”
 - “If I play hockey now, will I play hockey in the future?”
 - “If I ride a bike now, will I want to ride a bike as a teenager?”
 - “If I live in (name a community), will I want to live here as an adult?”

2.1.1 Students will be expected to describe changes in their lives and their reactions to these changes. *(continued)*

Suggestions for Assessment**Suggested Links**

2.1.1 Students will be expected to describe changes in their lives and their reactions to these changes. *(continued)*

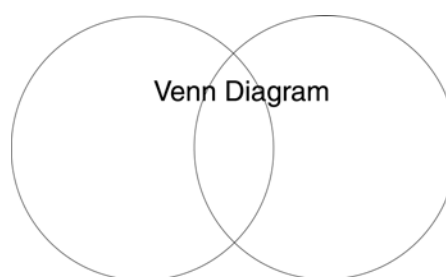
Outcomes

Students will be expected to

- describe different stages in their lives
- predict and explain needs and wants at different stages in their lives
- describe feelings when confronted with change
- recognize that there will always be change in their lives

Suggestions for Learning and Teaching

- Students can make a Venn diagram, as a class, on their needs and wants of the past, present, and future, noting that some needs don't change. Or focus on two stages such as "the present" and "the future."



Teacher Talk

As adults, we have learned through life's experiences that change is a constant, often bringing with it mixed emotions. These feelings are natural and a part of the human experience. Point out to students that it is only natural for them to experience new feelings/emotions when confronted with change but they will learn to deal with them.

- Teachers can select and use an appropriate book as a read aloud. The selected book should address the issue of change in someone's life. After reading the book to the class, the teacher may wish to engage the children in a discussion of what the book has to say about change and how this might be similar to change that the children themselves have experienced.
- Teachers can discuss words that express feeling or emotion such as "confidence," "bravery," "worry," "joy" and have children identify times when they felt like this. In art class ask children to represent different facial expressions that illustrate words with emotion. Some examples of representation could include: a collage, drawings, paper bag puppet.

2.1.1 Students will be expected to describe changes in their lives and their reactions to these changes. *(continued)*

Suggestions for Assessment**Suggested Links**

2.1.1 Students will be expected to describe changes in their lives and their reactions to these changes. *(continued)*

Outcomes

Students will be expected to

- describe different stages in their lives
- predict and explain needs and wants at different stages in their lives
- describe feelings when confronted with change
- recognize that there will always be change in their lives

Suggestions for Learning and Teaching

- Students can choose one significant event and create a poster to illustrate their feelings/emotions and reactions to events and how they changed after the event (first day of school, first sleep over, first airplane trip). Such feelings as “scared/now braver”; “worried/less worried”; “alone/made a new friend” could be represented in a “before” and “after” poster.
- Teachers can select and use an appropriate book as a read aloud. The selected book should address the idea that there will always be change in their lives. After reading the book to the class, the teacher may wish to engage the children in a discussion of what the book has to say about change. There may also be a good opportunity for students to explore and develop an awareness that the concept of time is relative to the past, present, and future. Students could do a picture sequence showing changes their family has experienced over six generations.

2.1.1 Students will be expected to describe changes in their lives and their reactions to these changes. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - use appropriate vocabulary to indicate feelings about change
 - illustrate/cut out pictures of their predictions as a teenager, adult
 - respond to a prompt sentence of a prediction about themselves
- Inquiry
 - list changes that take place in their lives each day
 - prepare a “before” and “after” poster that expresses emotions about change
- Participation
 - contribute to discussion about change

Products Created/Written Evaluation/Portfolios

- the time line using baby pictures and illustrations about themselves as a teen, adult, elder
- the time capsule of student responses predicting their future
- the poster that demonstrates their understanding of feelings and emotions about change
- the drawings of facial expressions illustrating emotion
- the Venn diagram to chart needs and wants that don’t change as they grow older
- contribute to discussion about personal thoughts and feelings

Summative

Ask students to create a time line, using drawings/pictures/photos of themselves illustrating their independence at various stages in their lives.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

- Factivity Series, Allen Trussel-Cullen
- *Children*, Gail Saunders
- *Boundless Grace*, Mary Hoffman
- *Alison’s House*, Maxime Trottier
- *Frozen Land*, Jan Reynolds
- *Share the Sky*, Tin-Xing Ye
- *Home Place*, Anne Shelby

Agencies/Groups

National/International

Local

2.1.2 Students will be expected to demonstrate an understanding of how individuals and groups have contributed to change.

Outcomes

Students will be expected to

- identify and represent through mapping or modelling various changes that have taken place within their community
- identify ways individuals and groups have contributed to change
- recognize the importance of teamwork in bringing about change

Suggestions for Learning and Teaching

Teacher Talk

Every community has examples of individuals and groups who contribute to change. Your community may have builders, inventors, entrepreneurs, leaders/politicians, service club volunteers, sports/entertainment personalities, and the like. Begin with examples children are likely to know about. Focus on the past as well as examples from the present.

- Teachers can discuss with students changes that have taken place in their own community during the past year, such as a new building, a new store, rink, or cultural event. If possible, provide news items or photographs of these. As students identify changes, discuss why they have come about and the individuals and/or groups responsible. Locate on a community map where the changes occurred. Create a chart using the following headings: “What change?” (new ball field), “Who?” (recreation committee), “Why?” (too many people want to play ball), “Where?” (beside the school), “Result?” (creates community spirit). Include the construction of roads, dams, highways, buildings.
- Teachers can create a list of local individual students would like to come to class and speak to them about a change in their community. The speaker could provide information about his/her contribution and also provide information about how work can be done by working as a team. Ask each student to prepare a question in advance about a change in the community.

2.1.2 Students will be expected to demonstrate an understanding of how individuals and groups have contributed to change.

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - write a response to what they learned from the community speaker
 - write a response to the prompt: “If I could change one thing in my community, I would ...”
- Inquiry
 - list local individuals involved in some change in the community
 - create a class chart (what, who, why, where, result) about some change taking place in their community
- Participation
 - contribute to discussion about change
 - map the location of changes made in their community

Products Created/Written Evaluation/Portfolios

- the web that identifies factors involved in carrying out a team effort for a community project

Summative

- Ask students develop a plan of action for change in their school. Using a poster/collage they created, make a presentation to the principal.
- Ask students to e-mail other students regarding changes being planned or taking place within their school, another school/community.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

- *Our People*, Angela S Medearis
- *The Glorious Flight*, Alice and Martin Provensen
- *The Terry Fox Story*, Leslie Scrivener
- *I Can Do It*, Sarah Albee
- I Can Do Anything series

2.1.2 Students will be expected to demonstrate an understanding of how individuals and groups have contributed to change. *(continued)*

Outcomes

Students will be expected to

- identify and represent through mapping or modelling various changes that have taken place within their community
- identify ways individuals and groups have contributed to change
- recognize the importance of teamwork in bringing about change

Suggestions for Learning and Teaching

- Students can investigate groups that have brought about past changes in their community. Invite a guest speaker who represents a group involved in a project that brought change. Create a web that identifies several factors that contributed to the completion of the project. (ideas/plans, money, workers, materials, services).
- Teachers can discuss the role teamwork plays in bringing about change. Teachers could refer to the previous activity.
- Teachers can select and use an appropriate book as a read aloud. The selected book should examine the importance of hard work in bringing about change. After reading the book to the class, the teacher may wish to ask the class to list examples, from their own lives, where hard work has contributed to change.
- Students can identify a class, school, or community project to bring about some change (organize recess activities, litter pick-up day). Ask students to work together to plan and carry out the project.

2.1.2 Students will be expected to demonstrate an understanding of how individuals and groups have contributed to change. *(continued)*

Suggestions for Assessment

Suggested Links

Agencies/Groups

National/International

Local

- consult provincial government departments for resources: archives, mapping division, tourism, community affairs
- community workers/volunteers
- community histories

2.1.3 Students will be expected to explain how decisions made by individuals and diverse groups result in change (local, national, and global).

Outcomes

Students will be expected to

- give examples that show decision-making is an important part of life
- recognize that decisions are made in various ways and serve various purposes
- identify people who are chosen, hired, or elected to help groups make decisions and bring about change

Suggestions for Learning and Teaching

Teacher Talk

Students participate in decision-making every day even though many decisions are made for them by adults. Explain to children that learning to making good decisions is an important skill in life and that to bring about change, a process of decision-making is involved.

- Students can generate a list of decisions they make each day. For example, some decisions could include those made as an individual, such as choosing a friend, decisions made as a class, such as sharing a playground, and those decisions made as a family. Pick one decision from the list and ask children to explain how they made that decision.
- Teachers can introduce to students the relationship between decision making and change by asking the class a question such as: “What school rule would you like to see changed?” Conduct a simple survey of the class and make a list of the most requested changes. Explain to children that change often requires developing new rules or changing existing ones and that decision making is necessary.
- Teachers can explore with students the concept of where rules originate. For example ask students such questions as: “Where do rules come from?” “How do rules affect our lives?” “How do school rules get changed?” “Who decides?” Ask the class to create a list of “school” rules and community rules. Compare the lists. Use a Venn diagram to discover what the two sets of rules have in common.

Teacher Talk

Students will need to be aware that the two basic ways to make decisions are as an individual and by a group. To help children clarify the difference between individual decision making and group decision making, ask the class to identify decisions made by themselves or their families, and compare the process used to make these decisions to decisions made by the school or local government. “Do all decisions become rules/laws?” “Why?” “Why not?”

2.1.3 Students will be expected to explain how decisions made by individuals and diverse groups result in change (local, national, and global).

Suggestions for Assessment**Suggested Links**

2.1.3 Students will be expected to explain how decisions made by individuals and diverse groups result in change (local, national, and global). *(continued)*

Outcomes

Students will be expected to

- give examples that show decision-making is an important part of life
- recognize that decisions are made in various ways and serve various purposes
- identify people who are chosen, hired, or elected to help groups make decisions and bring about change

Suggestions for Learning and Teaching

- Teachers can explain to students that decisions may be made by an individual or group. For example, illustrate a decision made by an individual, by using a prompt sentence such as: “If I were in charge for a day (mom, dad, teacher, principal) I would ...” Discuss with the class selected responses and ask students to decide whether a group or individual would be involved to implement their suggestion. Then ask the class to make a list of the different groups they belong to, such as family, friends, classmates, or a team. Ask students to identify ways decisions are made in those various groups. Use a “decision tree” to illustrate various ways of making decisions.

Teacher Talk

Students will need to be made aware that there are people such as teachers, principals, mayors, premiers, and prime ministers who are hired or elected to help groups make decisions.

- Students can list the people in their school or community who are hired/elected to help make and keep rules/laws. Discuss the difference between being hired and elected. Focus on the idea that we live in a democracy where the majority opinion (50 percent plus 1) governs, and that decisions are made democratically and not by force or “authority.” Students could collect news items demonstrating the kinds of tasks hired/elected people do. Display the results. Discuss the kind of change they brought about.

2.1.3 Students will be expected to explain how decisions made by individuals and diverse groups result in change (local, national, and global). *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - respond in their journals using a prompt sentence such as: “If I were in charge for a day, I would ...”
 - generate a list of decisions children make daily and explain how one decision is made
- Inquiry
 - survey the class and list the most requested changes for the school.
 - compose two questions to ask a guest speaker
- Participation
 - collect news items of tasks hired/elected people do

Products Created/Written Evaluation/Portfolios

- the “before” and “after” visual of a change in your community, and ask children to identify the decision makers involved
- the Venn diagram comparing school/community rules
- the decision tree

Summative

- Invite someone such as a principal, mayor, policeman, fireman from your school or community to speak to the class. Ask children to think of two questions to ask the speaker about how he./she make decisions in their job.
- Teachers could record the responses of children for their understanding of how changes are brought about by decision making.
- Teachers could provide children with a situation where they have to make a decision, such as two classes in their school need to share one playground. Ask children to focus on the method of decision making they will use, and explain why they made the choice(s) they did.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

Agencies/Groups

National/International

Local

- guest speaker

2.1.4 Students will be expected to predict ways their community might change in the future and how they can contribute to that future.

Outcomes

Students will be expected to

- identify and explain examples of changes that may take place in their community in the future
- identify ways they can contribute to future changes in their community

Suggestions for Learning and Teaching

Teacher Talk

In the previous outcomes students would have explored changes that have taken place in their lives, some factors that cause change, and how people react to change. They should have some understanding of how people contribute to change, and that change occurs as a result of decisions made by people. Building on what children have previously learned, this outcome is intended to be a culminating one in which children will predict changes that may take place in their community in the future and identify ways they can contribute to their future.

- Teachers can ask students what kinds of change they would like to see take place in their community. Ask them to brainstorm ideas for change that they feel are necessary to fulfill future needs. For example you could prompt children by asking: “How would you change your bedroom, classroom, etc.?” Then divide the class into small working groups and ask each group to discuss and map two or three physical changes they would like to see take place in their community; they could consider examples such as a new playground, restaurant, movie theatre, housing, business, roads, communication. Ask each group to share its ideas with the class. Students could make a poster explaining reasons for the changes and how they would benefit the community.
- Students can make a list identifying examples of changes they would like to see in their community. Divide the class into small groups and put each group in charge of planning one aspect. Encourage students to focus on a healthy sustainable environment and the needs of different people, including those with disabilities. Consider wellness and safety issues. Develop a plan to create a model or poster of their community of the future.

2.1.4 Students will be expected to predict ways their community might change in the future and how they can contribute to that future.

Suggestions for Assessment**Suggested Links**

2.1.4 Students will be expected to predict ways their community might change in the future and how they can contribute to that future. *(continued)*

Outcomes

Students will be expected to

- identify and explain examples of changes that may take place in their community in the future
- identify ways they can contribute to future changes in their community

Suggestions for Learning and Teaching

- Students can identify three actions they could take now or in the future to contribute to changes that would lead to the development of their model community.

2.1.4 Students will be expected to predict ways their community might change in the future and how they can contribute to that future. *(continued)*

Suggested Assessment Strategies

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - respond in their journals: “If I could change one thing in my community I would ...”
 - write/draw a letter/illustration to themselves (to be opened on graduation) predicting their future
- Inquiry
 - map and discuss some physical changes students would like to see take place in their community
 - prepare a time line of their future
- Participation
 - list the changes in the future they would to see in their community

Products Created/Written Evaluation/Portfolios

- the plan/ drawing/poster or model of their community of the future
- the poster explaining reasons/benefits for change in their community

Summative

- As a class teachers could ask students to prepare a letter to community council making a suggestion for change.
- Teachers could ask students to predict one change in their own community for the future. Predict the part they may play in the change. Reflect on the positive and negative aspects of the change.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

Agencies/Groups

National/International

Local

Unit 2: Technology

Overview

In this unit, students will explore the changing nature of technology, learn to describe and evaluate the role of technology in their lives, and develop an understanding that people have changed technology over time to meet their needs, wants, and interests. The focus of this unit is to explore the various technologies that directly impact children, and to help children develop an awareness that technology has evolved over time.

Outcomes

Students will be expected to

- 2.2.1 describe and evaluate the role of technology in their lives
- 2.2.2 demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests

Process and Skills Development

Communication

- explain what it's like to forego a favourite technology
- debate an issue about technology
- create a graph related to travel

Inquiry

- list technologies children use
- identify positive/negative impact of a technology

Participation

- role-play a technology scenario

Suggested Time for Unit Completion

To be finalized by individual provinces.

2.2.1 Students will be expected to describe and evaluate the role of technology in their lives.

Outcomes

Students will be expected to

- identify examples of different kinds of technology
- describe the technologies that affect their everyday lives
- assess the effect of technology on their lives

Suggestions for Learning and Teaching

Teacher Talk

The focus of this unit is to explore with students the impact technology has on their daily lives and to evaluate the increasing role technology plays in meeting the needs, wants, and interests of people. Explain to children that technology is any tool that makes a job easier.

- Students can brainstorm and give examples of various types of technology that people use at home, in school, for play, for work, for travel. A chart could be used to gather and organize data of the different types of technology.
- Teachers can help students discover how technologies and inventions are developed to meet the needs, wants and interests of people through examples. The example of the construction of the Confederation Bridge to PEI could be used to show how travel over water was made faster, safer, and more efficient.
- Teachers can create a learning centre in the classroom. Display and use examples of different types of technology to show how technology affects our everyday life. (This will tie in with the next outcome in which students will explore in greater detail how technology has evolved over time). Students could create or bring in simple examples of different types of technology such as models of cars, trains. They could share examples of the role that the various technologies play in their lives. Role-playing scenarios could be developed from the various technology “prompts” in the display.
- Teachers can select and use an appropriate book as a read aloud. The selected book should address the role of technology in life. After reading the book to the class, the teacher may wish to engage the children in a discussion of the positive and negative aspects of technology. A t-chart could be used to record “positives” and “negatives.”

2.2.1 Students will be expected to describe and evaluate the role of technology in their lives.

Suggestions for Assessment**Suggested Links**

2.2.1 Students will be expected to describe and evaluate the role of technology in their lives.
(continued)

Outcomes

Students will be expected to

- identify examples of different kinds of technology
- describe the technologies that affect their everyday lives
- assess the effect of technology on their lives

Suggestions for Learning and Teaching

- Students can identify the technologies they use throughout a normal day in their lives, such as alarm clocks waking them up in the morning, using computers, and watching television in the evening. Create a list of the technologies used. Ask students to suggest how they would accomplish their daily tasks without technology. Ask them to write a response in their journals: “Would I like/dislike a day without technology?” and tell why.

Teacher Talk

Once students have identified and have an awareness of the various technologies they use in their everyday lives, focus on the technologies special to them and how the lives of children have been changed by technology.

- Students can graph or chart using various examples of technologies that have influenced the lives of children. Use headings such as: “recreation,” “entertainment,” “play,” “school,” “clothes,” “travel.” Display and discuss the results.
- Students can (with prior permission from parents or guardians) agree to forego watching television, riding their bike, or playing their favourite game for an agreed period of time. Then, during this time away from their favourite technology, ask students to record how it affected their lifestyle and present their findings to class.

2.2.1 Students will be expected to describe and evaluate the role of technology in their lives.
(continued)

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - respond to the prompt: “Would I like/dislike a day without technology?”
 - explain verbally/writing what it is like to forego (for a day) a favourite technology
- Inquiry
 - list the technologies children use in their daily lives and note which technologies are special
 - create a learning centre of technologies
- Participation
 - list examples of technology people use
 - gather examples of technology for a class display
 - forego using an example of technology in their daily lives
 - role-play a technology scenario

Products Created/Written Evaluation/Portfolios

Summative

- Teachers could take students on a tour of technologies found in their school. Focus on old pieces of technologies no longer used.
- Teachers could note responses of children as they identify, describe, and evaluate the positive and negative aspects of technologies in their lives. Organize the results using a t-chart.
- Ask the class to identify and chart the technologies that have changed the lives of children.
- Ask the class to debate the positive/negative issues about a technology.
- Teachers could display the examples of technology children have brought to class.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics
 - graphing
- Science
 - inventions/simple machines

Provincial Curriculum

- Art

Resources

- *When the TV Broke*, Harriet Ziefert
- *Fred's TV*, Clive Dobson
- *Berenstain Bears: Too Much TV*, Stan & Jan Berenstain

Agencies/Groups

National/International

Local

2.2.2 Students will be expected to demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests.

Outcomes

Students will be expected to

- identify selected technological milestones
- describe how lifestyles of the past are different from today due to technological changes
- predict how changes in technology might affect individuals and communities in the future
- give examples of the positive and negative impact of technology (local, national, and global)

Suggestions for Learning and Teaching

Teacher Talk

This outcome is intended to help students develop an understanding of how people have changed technology over time to meet their needs, wants, and interests. The focus of this outcome is on the history of technology (milestones) and how the lifestyles of people (local, national, and global) have changed as a result of new and innovative technologies from around the world.

- Teachers can review the term “milestone” (which was used with children in the earlier grades as they created time lines and identified milestones in their lives). Students could be asked to identify one new piece of technology for their family that they feel has been a milestone, such as a computer, skis, bread making machine. Ask students to draw pictures to show what impact this had on their family. Create a bulletin board with pictures under the heading “Technology Milestones for My Family”.
- use picture books, posters, or video/DVD to identify and discuss major technology milestones for society over time. (Some of the milestone technologies that should be included in this outcome are the wheel, plow, printing press, steam engine, telephone, automobile, airplane, television, and computer). Discuss with children the ways things were done before and after the milestone. Discuss positive and negative impacts of the milestone on a local, national, and global level.
- add a new section to the bulletin board that focusses on these technology milestones.

2.2.2 Students will be expected to demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests.

Suggestions for Assessment**Suggested Links**

2.2.2 Students will be expected to demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests. *(continued)*

Outcomes

Students will be expected to

- identify selected technological milestones
- describe how lifestyles of the past are different from today due to technological changes
- predict how changes in technology might affect individuals and communities in the future
- give examples of the positive and negative impact of technology (local, national, and global)

Suggestions for Learning and Teaching

- Students can revisit the learning centre to identify examples of changes in technology over time. For example, how writing tools have evolved over time from quill pen to keyboard; how communication has been made easier from pony express, to the telegraph, telephone, cell phone. Teachers can create activities that show how the technology has brought about change in our lives. For example, ask students to write using a computer, pen and paper, a quill or fountain pen and a manual typewriter. Ask students to rate which method of writing they prefer and tell why.
- Teachers can point out to students that not all places in the world have access to the same types or advances in technology. Again picture books, magazine pictures, literature and video/DVD could be used to help children see that the technology that is used varies from one part of the world to another. As examples are found the countries could be identified on a world map and the teacher could discuss with the class why these variations in the technology available exist. In this way children will see that “milestones in technology” have not occurred for all people at the same time. For example, there are still parts of the world that do not rely on electricity. **Teachers will need to be careful not to create or reinforce stereotypes.**

Teacher Talk

The evolution in transportation is a good example to show how lifestyles have been affected by technological change. By focussing on the changes in transportation children can think about the relationship between time and travel, how it takes less time to travel and how this has changed peoples' lives.

- Teachers can ask students what means of transportation they used to get to school. Ask them to imagine what it would be like travelling to school in years gone by.

2.2.2 Students will be expected to demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests. *(continued)*

Suggestions for Assessment**Suggested Links**

2.2.2 Students will be expected to demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests. *(continued)*

Outcomes

Students will be expected to

- identify selected technological milestones
- describe how lifestyles of the past are different from today due to technological changes
- predict how changes in technology might affect individuals and communities in the future
- give examples of the positive and negative impact of technology (local, national, and global)

Suggestions for Learning and Teaching

Predict what it might be like travelling to school in the future. Explore through picture books, literature or video/DVD, how technology has impacted transportation and has made it easier for people to travel, creating a borderless world. Ask the class to make drawings or collect pictures to create a mural/time line showing the technological changes in transportation over a selected number of years. This could be in the form of a “then and now” chart.

Teacher Talk

Family lifestyles have changed in many ways because of changes in technology. Preparing food, doing the laundry, making clothes, cleaning the house, building homes, recreation, and entertainment are examples.

- Teachers can divide the class into groups and ask each group to develop a “then and now” page for a “Changes in Lifestyle” book. Each group would be assigned a specific category such as food, clothing, homes, transportation, recreation. Each group can present its page to the class. Discuss the impact that the differences had on life in the past as compared to today, such as less garbage, people were more self-sufficient, slower travel, closer communities, less interdependent world. Make this into a chapter of the class book.
- Teachers can invite a community member to speak to the class about what his/her life was like as a child. The guest could be asked to include topics such as food preparation, doing the laundry, taking a bath, transportation, building houses, recreation. Ask students to prepare questions to ask the guest speaker. After the presentation, students could discuss the positive and negative effects of different technologies.

Teacher Talk

As students make predictions about changes in technology that might affect the future, focus on the fact that they have a responsibility to make wise decisions about the use of new technologies and inventions.

2.2.2 Students will be expected to demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests. *(continued)*

Suggestions for Assessment**Suggested Links**

2.2.2 Students will be expected to demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests. *(continued)*

Outcomes

Students will be expected to

- identify selected technological milestones
- describe how lifestyles of the past are different from today due to technological changes
- predict how changes in technology might affect individuals and communities in the future
- give examples of the positive and negative impact of technology (local, national, and global)

Suggestions for Learning and Teaching

- Teachers can provide some examples of changes in technology that he/she (teacher) has seen in his/her lifetime. Discuss changes in technology that the children might see in the future including ones for the community.
- Students can explore what their lifestyle would be like if their family moved to a futuristic community in space or under the ocean. Focus on how they would meet their needs, wants, and interests. Ask children: “What technologies/inventions would you need to survive?” “What might the negative/positive results be?” Chart their responses.
- Students can visit the local museum and explore the technologies/inventions of the past. Based on what children see ask them to make predictions about what the technology might look like in the future.
- Students can work in pairs or small groups to model a simple invention that would make life easier. Ask each group to present its invention to the class. This could be done in collaboration with the science curriculum. Hold an open house for the rest of the school or invite the community to attend.

Teacher Talk

In order for students to further develop their understanding of change and the role that technology plays in change, it is important for children to reflect on the consequences of technological change. Are new technologies and inventions always for the best? Are changes in technology always in the best interests of children? The Family? Society?

- Teachers can select various types of technology, identify examples of changes in them and discuss positive and negative results for each. For example, if you choose transportation look at the positive and negative results of the automobile, airplane, or ship. Create a chart to present response.

2.2.2 Students will be expected to demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - identify/illustrate one new piece of technology for their family
 - debate an issue about technology
 - write /draw a response about their visit to a local museum
- Inquiry
 - list two questions to ask a guest speaker about technology
 - compare writing technologies used over time: quill pen, typewriter, computer
 - survey students in your class/school to rate which method of writing is best: computer, quill pen, typewriter
 - respond in writing/drawing to the guest speaker
 - predict the impact of one technology they saw on their museum visit
 - discuss the positive/negative aspects of a milestone in technology
- Participation
 - contribute to day-to-day discussions
 - graph a trip of estimated time of travel compared to the past

Products Created/Written Evaluation/Portfolios

- the time line representing technological milestones in transportation or some other topic
- the “then” and “now” chart of technological milestones in transportation
- the “then” and “now” booklet of their family’s lifestyle
- the “needs and wants” list for their move to a futuristic community in space or under the ocean
- the model of a simple invention/innovation
- the bulletin board display “Technology Milestones for My Family”

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics
 - graphs and graphing
- Physical Education
 - how technology has changed playing sports, games.
- Science
 - inventions, new technologies

Provincial Curriculum

- Art

Resources

- *What Was It Like before Cars?*, Steck-Vaughn Staff
- Sears Catalogue, 1908

Agencies/Groups

National/International

Local

- museum

2.2.2 Students will be expected to demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests. *(continued)*

Outcomes

Students will be expected to

- identify selected technological milestones
- describe how lifestyles of the past are different from today due to technological changes
- predict how changes in technology might affect individuals and communities in the future
- give examples of the positive and negative impact of technology (local, national, and global)

Suggestions for Learning and Teaching

- Students can conduct a class debate around a question such as: “Are technological changes always in the best interest of children?” “Should computers be used in the primary grades?”

2.2.2 Students will be expected to demonstrate an understanding that people have changed technology over time to meet their needs, wants, and interests. *(continued)*

Suggestions for Assessment

Summative

- Teachers could record responses of children as they identify, describe, and evaluate the positive and negative aspects of technological changes in their lives.
- Teachers could ask students to make a class chart to identify the positive and negative results of the automobile, airplane, or ship, etc. on society.
- Teachers could ask students to interview a grandparent or another elder on the topic: “The Life of My Grandparent When He/She Was My Age.”
- Teachers could ask students to map the journey of a food product, toy, or item of clothing to a local store.
- Teachers could ask students to create a model of a simple invention to make life easier.

Suggested Links

Unit 3: Economics

Overview

This unit provides students opportunities to explore the changing world of economics. They will examine how they and their families make economic decisions as consumers. Students will be introduced to the concept of supply and demand and examine how it affects price. They will also investigate how the nature of work has changed over time.

Outcomes

Students will be expected to

- 2.3.1 give examples of how children and their families use economic decision making as consumers
- 2.3.2 explain how supply and demand affects price
- 2.3.3 demonstrate an understanding of the changing nature of work over time

Process and Skills Development

Communication

- listen to/sing a song
- create an ad for a product/service
- read/discuss a piece of literature
- map the origin of a product

Inquiry

- list ways children/families are consumers
- identify/list new occupations
- identify/list costs
- predict changes in work in the nature of work

Participation

- contribute to class discussion

Suggested Time for Unit Completion

To be finalized by individual provinces.

2.3.1 Students will be expected to give examples of how children and their families use economic decision making as consumers.

Outcomes

Students will be expected to

- give examples to show that the exchange of money is the most common way to obtain goods and services
- identify different ways people acquire an income
- identify different strategies used by consumers to make good economic decisions
- create an action plan that models good economic decision-making

Suggestions for Learning and Teaching

♥ Teacher Talk

Teachers need to be sensitive in their discussion about how students and their families use economic decision-making as consumers. A consumer is a person who obtains goods and services to fulfill his/her needs, wants, and interests. A producer is someone who provides goods or services. Students should already be aware that money is the major form of transaction used in today's society to fulfill their needs, wants, and interests. Learning responsible economic decision-making skills is critical for students as consumers, today, and in the future.

- Teachers can select and use an appropriate book as a read aloud. The selected book should deal with the importance of money as a means to obtain something. After reading the book to the class, the teacher may wish to engage the children in a discussion of what other ways there might be to obtain something besides paying money for it.
- Teachers can collaborate with the music teacher to introduce the concept of money with the song: "If I Had a Million Dollars" or "Money Doesn't Grow on Trees."
- Students can brainstorm a list of goods and services they use in their home. Ask them how people get the money to pay for goods and services. Ask students to suggest job possibilities. Ask them what jobs could they do to earn money. Develop a list and ask students to draw or collect pictures of all the different ways people obtain an income, such as seasonal work, government sources, operating a business (entrepreneurs) and investing.

2 3.1 Students will be expected to give examples of how children and their families use economic decision making as consumers.

Suggestions for Assessment**Suggested Links**

2.3.1 Students will be expected to give examples of how children and their families use economic decision making as consumers. *(continued)*

Outcomes

Students will be expected to

- give examples to show that the exchange of money is the most common way to obtain goods and services
- identify different ways people acquire an income
- identify different strategies used by consumers to make good economic decisions
- create an action plan that models good economic decision-making

Suggestions or Learning and Teaching

- Teachers can show students such things as a pencil, paper they use in class, or a box of raisins. Ask them to identify the item. Ask them to describe what had to happen in order for you to have the item in your hand. Ask students what we should call the people who make these products. They may respond with “workers,” which is correct. But tell them that we also call these people “producers.” “If I eat the candy bar or raisins or drink the pop, what should I be called?” Explain that someone who eats or uses a product is called a “consumer.” Then ask students to identify some ways in which they and their families are consumers. They may suggest services as well as products. Finally, ask students to explain the difference between a producer and a consumer. As an activity, show the students pictures of producers and consumers.

Teacher Talk

Consumers must decide how to use limited resources to satisfy unlimited wants. To do this, good economic decision-making is a necessary skill to develop. Students should have a basic understanding of the difference between needs and wants as they would have explored these concepts in kindergarten and grade 1. Discuss with students some strategies for making good economic decisions. The teacher could give examples such as: recognize the difference between shopping for something a person needs compared to shopping for something a person wants.

- Students can brainstorm examples of strategies that they and their families use to make good economic decisions. Teachers can discuss with children some additional strategies. These could include: paying off your debts, buying in bulk, comparison shopping, and planning a budget.

2.3.1 Students will be expected to give examples of how children and their families use economic decision making as consumers. *(continued)*

Suggestions for Assessment**Suggested Links**

2.3.1 Students will be expected to give examples of how children and their families use economic decision making as consumers. *(continued)*

Outcomes

Students will be expected to

- give examples to show that the exchange of money is the most common way to obtain goods and services
- identify different ways people acquire an income
- identify different strategies used by consumers to make good economic decisions
- create an action plan that models good economic decision-making

Suggestions for Learning and Teaching

- Students can identify a TV commercial they have seen. In order to distinguish needs and wants, the teacher could ask them why they remember the commercial, and if they would like to purchase the product that was advertised. Teachers could facilitate a discussion around the questions: “Is the product something they need to have or something they want?”
- Teachers can set up a “yard sale” in the classroom and ask students bring items from home. Each student could be given \$5.00 in play money to spend. After the sale is over, have the children who purchased the most/least items with their \$5.00 explain their choices to the class.
- Students can create an economic decision-making plan based on one of the following scenarios: a class purchase, spending their allowance or improve the school playground.

2.3.1 Students will be expected to give examples of how children and their families use economic decision making as consumers. *(continued)*

Suggestions for Assessment

Formative*Demonstrate a Skill*

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - read/discuss a piece of literature to introduce the concept of money
 - listen/sing a song about money
 - explain economic choices/purchases made at yard sale
- Inquiry
 - list job opportunities for children to earn money
 - gather pictures/drawings of different ways people obtain an income
 - list ways children/families are consumers
 - list strategies for good economic decision-making
- Participation
 - contribute to class discussion
 - plan a class purchase and how to pay for it
 - plan to spend \$50 well
 - plan what to do with a month's allowance

Products Created/Written Assessment/Portfolio

Summative

Teachers could ask children to explain a TV commercial they saw and give reasons why the commercial appealed to them.

Suggested Links**Curriculum***CAMET Curriculum*

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources**Agencies/Groups***National/International**Local*

2.3.2 Students will be expected to explain how supply and demand affects price.

Outcomes

Students will be expected to

- demonstrate an understanding of the concept of supply and demand
- identify factors that can affect supply and demand
- explain why prices change

Suggestions for Learning and Teaching**Teacher Talk**

Supply is the quantity of a product that is available for purchase.
Demand is the quantity of a product that consumers want.

- Teachers can ask students to list three items (products) that they would like to have (demand). Share the results and identify the top five products. Explain that for this class there is a “demand” for these five products. Ask students how they can find out if there is a “supply” for their demand (catalogues, TV ads, visiting stores, print ads, flyers, etc.).
- Teachers can send a survey home asking parents to identify a product that they buy that is always in supply and a product that is not always available. Discuss with students why some products are always in supply while others are not (demand, season, price). Share the survey results.
- Teachers can show the class a picture of a child behind a lemonade stand with no customers. Ask students: “Is there a supply of lemonade?” “Is there a “demand” for the lemonade?” “Why are there no customers?” “How could you get more?” Focus on the demand for the lemonade. List and discuss the responses.

Teacher Talk

Children will need to be made aware that there are different methods to affect supply and demand of a product or service. Building on responses children gave above discuss other examples that affect supply and demand such as scarcity, resources available to make a product, “word of mouth,” news ads, free products, Internet, marketing, TV ads, fads.

2.3.2 Students will be expected to explain how supply and demand affects price.

Suggestions for Assessment

Suggested Links

2.3.2 Students will be expected to explain how supply and demand affects price. *(continued)*

Outcomes

Students will be expected to

- demonstrate an understanding of the concept of supply and demand
- identify factors that can affect supply and demand
- explain why prices change

Suggestions for Learning and Teaching

- Teachers can use a locally produced food or product to help children develop an awareness of what is produced in their community and what has to be imported. Discuss the number of people employed in the production and other associated costs such as transportation, taxes. Visit a local farm or factory to identify what food or product is produced in your community. Or take a field trip to a local grocery store. Ask the grocer to identify which products are brought in from other places. Ask him to explain how the different products arrive at the store, and the cost of transportation. Ask students to respond in writing/drawing.
- Teachers can select and use an appropriate book as a read aloud. The selected book should address the journey of a particular product from beginning to end (e.g., milk from the cow on a farm to the mozzarella cheese on your pizza). After reading the book to the class, the teacher may wish to ask the children to describe a parallel journey made by another product.
- Teachers can bring a group of products into the classroom. See if students can figure out where the products were produced. Ask them to check the labels for information. Discuss the various people who would have handled the item, the costs involved, and how the item would have arrived at the store. Pick a particular product and discuss how it gets from producer to consumer. Be sure to include the costs associated with getting the product from place to place. Ask the class to refer to a map and using string, connect the origin of the product with your community.
- Teachers can invite a member of the business community, an entrepreneur, a grocery store manager, a local farmer, or fisher person to the class as a guest speaker to discuss how prices change because of supply and demand. Ask students to develop a list of questions to ask the speaker beforehand.
- Students can create their own ad to sell a service or product.

2.3.2 Students will be expected to explain how supply and demand affects price. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - create an ad for a product/service
 - read/discuss a piece of literature
 - respond in writing/drawing to field trip
- Inquiry
 - map the origin of a product within their community
 - list one question to ask a guest speaker about a product/business
- Participation
 - contribute to discussion about supply/demand/prices
 - identify/list the various costs involved in making a product and transporting it to market

Products Created/Written Evaluation/Portfolios

Summative

- Teachers could note appropriate use of vocabulary children use to indicate their understanding of the concepts of supply/demand/prices.
- Teachers could ask students to survey a business in their community to determine how they decide which product to put on sale.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

- *Extra Cheese, Please!:*
Mozzarella's Journey from Cow to Pizza, Chris Peterson

Agencies/Groups

National/International:

Local

- supermarket
- businesses, farmers, fishers

2.3.3 Students will be expected to demonstrate an understanding of the changing nature of work over time.

Outcomes

Students will be expected to

- explain how work, including children's work, has changed from the past to the present
- explain why occupations have changed over time
- give examples of paid work, unpaid work and volunteerism
- predict how work might change in the future

Suggestions for Learning and Teaching

Teacher Talk

The nature of work has changed from the past to the present. Until quite recently, industry was very **labour intensive**—i.e., it used a lot of workers, or labour, doing largely manual work. Particularly since the **Industrial Revolution**, and more recently with the proliferation of computers, industry has become ever more **capital intensive**—i.e., it uses money, or capital, to purchase machinery and technology to do the work that workers used to do. Workers today often do very different types of work than those working in preceding generations. The importance of technology, specifically technological change, provides an opportunity for teachers to link this outcome with the previous unit on **Technology**—either by building on the earlier work or by integrating it.

For generations, cultures around the world have depended on the work of children in the family for survival. Children have always had household chores and responsibilities to do in the family and around the home; however, the nature of the responsibilities of children have changed over time. What may be considered a “chore” for one child may be “work” for another. In Canada today, legal protection and an emphasis on education help to safeguard children from child labour abuses.

- Teachers can select and use an appropriate book as a read aloud. The selected book should describe a particular job often done by children in the past. After reading the book to the class, the teacher may wish to lead the class in a brainstorming activity to try to identify other jobs that children often performed in the past, but no longer typically do in Canada.

2.3.3 Students will be expected to demonstrate an understanding of the changing nature of work over time.

Suggestions for Assessment**Suggested Links**

2.3.3 Students will be expected to demonstrate an understanding of the changing nature of work over time. *(continued)*

Outcomes

Students will be expected to

- explain how work, including children's work, has changed from the past to the present
- explain why occupations have changed over time
- give examples of paid work, unpaid work and volunteerism
- predict how work might change in the future

Suggestions for Learning and Teaching

- Students can create a poster of past and present chores done by children. Compare traditional jobs and responsibilities such as household chores with those jobs recently created, using a Venn diagram (see: Unit 1/Outcome 2.1.1) to note changes as well as the things that have remained the same. Students may also include examples of kinds of jobs that have changed due to technology.
- Students can use learning stations to investigate an occupation and discover how that occupation has changed over time. Some occupations children could choose include: farming, fishing, logging. Provide questions students could use to guide their inquiry, such as: "How do they do their job today compared with how it was done in the past?" "How might they work in the future?" "What parts of their job remain the same?" "What has changed?" Model how the information collected may be presented to the class by using a chart. Suggest that information may be presented in the form of words, phrases, pictures, drawings.
- Students can identify and make a list of the new occupations that have developed using information gathered from the learning stations activity. Teachers can point out that changes in technology, social situations, and lifestyles have contributed to the changing nature of work and new occupations.

2.3.3 Students will be expected to demonstrate an understanding of the changing nature of work over time. *(continued)*

Suggestions for Assessment**Suggested Links**

2.3.3 Students will be expected to demonstrate an understanding of the changing nature of work over time. *(continued)*

Outcomes

Students will be expected to

- explain how work, including children's work, has changed from the past to the present
- describe how occupations have changed over time due to changes in technology, supply and demand, social situations, and lifestyles
- give examples of paid and unpaid work
- predict how work might change in the future

Suggestions for Learning and Teaching

Teacher Talk

To make students even more aware of how work has changed over time, explain how there are more opportunities open to men and women in non-traditional fields. In addition to traditional careers such as teacher, nurse, administrative assistants, and homemaker, women are now truck drivers, engineers, and astronauts. Conversely, in our society, men now work as nurses, administrative assistants, or stay home as homemakers.

- Teachers can invite a guest speaker to class such as a female firefighter or logger and ask the speaker to provide information about what he/she does and how his/her job has changed over time. Ask children to make a drawing to represent what they learned or make an kindergarten in their journal.
- Teachers can select and use an appropriate book as a read aloud. The selected book should address the importance of unpaid work and/or the work of volunteers. After reading the book to the class, the teacher may wish to ask the class to identify other examples of unpaid work and/or volunteerism.
- Students can make a list, as a whole class, of people who do things for which they are not paid in their community. The teacher can ask some guiding questions or give a few examples. On a large sheet of paper, titled "Volunteers in Our Community," ask each student to draw a representation of one community volunteer in the midst of doing his/her volunteer activity.
- Students can imagine how work might look in the future and make a drawing to represent this. Point out changes in work that might happen. For example: "If we colonize under the ocean, what types of work would we do under the sea?" "If we are living in outer space what would work look like in that environment?" Ask students to present their creations to the class, explaining what the workers are doing in their drawings and where they are.

2.3.3 Students will be expected to demonstrate an understanding of the changing nature of work over time. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - read/discuss a piece of literature
 - respond in writing/drawing to what you learned from a guest speaker
 - make a list
 - observe appropriate use of vocabulary
 - note questions, responses, opinions children express
- Inquiry
 - investigate an occupation through learning stations
 - predict/illustrate how work may be done in the future
- Participation
 - contribute to discussion

Products Created/Written Evaluation/Portfolios

- the Venn diagram to chart changes/similarities of children's chores, past and present
- the poster of children's chores, past and present
- the poster illustrating occupations, past and present
- the drawings children create

Summative

Teachers could ask students to role-play a scenario of an occupation then/now.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

- *Click, Click, Moo, Moo: Cows that Type*, VHS, 10 min., colour, teacher's guide. Weston Woods, 2001, E-3.
- *My Dad Takes Care of Me*, Patricia Quinlan
- *Sofie's Role*, Amy Heath

Agencies/Groups

National/International

Local

- Firefighter
- Farmer
- Nurse
- a community history

Unit 4: Environments

Overview

In this unit, students will further develop geography concepts and skills. They will explore how and why physical environments change over time and how people's interactions with their environment have changed. Students will extend their understanding of sustainable development and its importance to their future.

Outcomes

Students will be expected to

- 2.4.1 explain how and why physical environments change over time
- 2.4.2 describe how people's interactions with their environment have changed over time
- 2.4.3 demonstrate an understanding of sustainable development and its importance to our future (local, national, and global)

Processes and Skills Development

Communication

- use appropriate vocabulary
- write/draw a response to guest speaker/museum visit
- write a letter on a conservation/sustainability issue
- draw pictures of natural/constructed change

Inquiry

- identify examples of erosion
- interview an elder
- locate physical features/regions on a map

Participation

- collect news items
- plan/carry out a conservation activity

Suggested Time for Unit Completion

To be finalized by individual provinces.

2.4.1 Students will be expected to explain how and why physical environments change over time.

Outcomes

Students will be expected to

- identify some causes of change in their environment that occur naturally
- recognize that people modify and change their environment according to their needs and wants

Suggestions for Learning and Teaching

Teacher Talk

Children would have gained an awareness of the physical environment around them in both their kindergarten year (Unit 3: Place) and in Grade 1 (Unit 2: Environments) when they learned to recognize and describe some natural and constructed features. Changes to the physical environment are brought about in two ways: the first is **natural change**, through the agents of nature such as erosion, vegetation growth, wind storms, floods; and the second is **constructed change** through the construction (and sometimes, deconstruction) of roads, dams, buildings, highways. Young children may not readily see the subtle changes that take place daily in their environment, therefore, examples of these will have to be pointed out by the teacher.

- Students can participate in an activity that demonstrates soil erosion by using a cup of sand and a spray water bottle. Students can observe and describe what they see happening with the sand as the water is sprayed on it. Discuss with them examples of erosion that take place in the environment they see occurring around them. Prompt them with examples such as wind and water erosion they know about. For example, you could ask: “Have you ever built a sand castle at the beach and rushed to complete it before the incoming tide washed it away?” Ask students to describe what they saw. Then, using sand or potting soil, ask them to draw a “before and after” picture of a sand castle.
- Students can experience the effect of soil erosion by going outside the school after a heavy rain. Identify examples of erosion that have occurred in the school yard or make your own hill of sand before a rain.
- Teachers can gather photos/pictures of several examples in the physical environment created naturally and ask students to discuss how each may have been created by nature.

2.4.1 Students will be expected to explain how and why physical environments change over time.

Suggestions for Assessment**Suggested Links**

2.4.1 Students will be expected to explain how and why physical environments change over time. *(continued)*

Outcomes

Students will be expected to

- identify some causes of change in their environment that occur naturally
- recognize that people modify and change their environment according to their needs and wants

Suggestions for Learning and Teaching

Teacher Talk

Over time people have modified and changed their environment through the construction of roads, dams, bridges, highways and cutting down forests to meet their needs and wants.

- Teachers can select and use an appropriate book as a read aloud. The selected book should address changes that have taken place over time in a neighbourhood or community. After reading the book to the class, the teacher may wish to ask the students to ask their parents or neighbours about changes that have taken place in their particular neighbourhood. Each student could report his/her findings to the class.
- Students can explore, as a class, local or other area changes that have taken place over time, by using photos of “before and after.” Some examples could include: a river valley before a dam was constructed; a wetland drained; a forest cut down and the land divided into a housing subdivision. Students could map the areas under change. Try to identify whether each change was carried out because of needs or wants.
- Teachers can access aerial photographs of a local area that cover several decades and identify/discuss examples of change in the physical environment.

2.4.1 Students will be expected to explain how and why physical environments change over time. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - contribute to discussion about erosion
 - read/respond to a piece of literature
 - use appropriate vocabulary when discussing physical change
 - note the questions, responses and opinions expressed by children
- Inquiry
 - identify examples of erosion using photos
 - list examples of constructed changes mentioned in a piece of literature
- Participation
 - draw pictures of natural/constructed change
 - identify examples of natural/constructed change using aerial photos

Products Created/Written Evaluation/Portfolios

- the “before and after” drawing of their sand castle being eroded by the tide
- the map of a physical change that has taken place in their community

Summative

- Ask children to place in sequence photographs/pictures of the history of their school or some other building in their community.
- Ask students to identify whether pictures/photos represent natural or constructed changes.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

- *Windows*, Jeannie Baker
- *A River Ran Wild*, Lynne Cherry

Agencies/Groups

National/International

Local

- Physical map of your community
- Aerial maps of your community

2.4.2 Students will be expected to describe how people's interactions with their environment have changed over time.

Outcomes

Students will be expected to

- give examples of how Aboriginal peoples interacted with the environment
- describe how people depended on their environment to survive and build communities
- describe how their local environment has changed over time as people's needs and wants have changed
- identify the effects of community growth and development on the local environment

Suggestions for Learning and Teaching

Teacher Talk

The last delineation from the previous outcome (2.4.1., delineation 2) provides a nice transition to this outcome.

In Grade One, Unit 3: Place and Time, students would have explored the relationship that Aboriginal peoples have with the physical environment in Atlantic Canada over time. They should have some awareness that Aboriginal peoples in the Atlantic region, including the Mi'kmaq, Maliseet, Inuit, and Innu have inhabited the region since time immemorial, interacting with the woodlands and waters for survival. Like all people who live in Atlantic Canada today, the Mi'kmaq, Maliseet, Inuit, and Innu way of life has changed over time to meet the needs and wants of their community.

Students will need to know that the first inhabitants in their local area were very self-reliant and had to work hard to survive. They interacted with the physical environment to meet their needs for survival, and that, over time, how they interacted with the environment has changed.

- Teachers can invite an elder of the Mi'kmaq/Maliseet/Inuit/Innu community to class. Ask the guest to tell a story, myth or legend that focuses on how their ancestors interacted with the physical environment, such as the woodlands and waters, and how this interaction has changed over time.
- Teachers can invite a storyteller from the area to speak to the class on what his/her life was like as a child. Ask the speaker to talk about changes that have taken place in things such as: farming, fishing, housing, recreation, transportation. Use photographs/pictures.

2.4.2 Students will be expected to describe how people’s interactions with their environment have changed over time.

Suggestions for Assessment**Suggested Links**

2.4.2 Students will be expected to describe how people's interactions with their environment have changed over time. *(continued)*

Outcomes

Students will be expected to

- give examples of how Aboriginal peoples interacted with the environment
- describe how people depended on their environment to survive and build communities
- describe how their local environment has changed over time as people's needs and wants have changed
- identify the effects of community growth and development on the local environment

Suggestions for Learning and Teaching

Teacher Talk

In the previous outcome students would have identified some of the ways people have modified their physical environment over time to meet their needs, wants, and interests. From this exploration students should have some understanding of how their local environment has changed in regard to land use, farming, fishing, forestry, and the development/devolution of communities they know about.

- Students can use photos and pictures of local occupations over time, such as farming, fishing, forestry to create a time line of one of the occupations. Discuss with students the changes that have been made to the physical environment as a result.
- Students can visit a local museum to explore how things were done in the past such as clothing, handmade items, housing, lighting, transportation, communication, getting water, recreation. In a whole class discussion, they can examine how the environment influenced how these things were done.
- Teachers can select and use an appropriate book as a read aloud. The selected book should address change in a local environment.
- Students can explore a current environmental issue in their local area, such as community dumping/garbage disposal, the availability of clean water, declining forests/fish stocks. As a class collect news items about the issue over a period of time and make a bulletin board display.

2.4.2 Students will be expected to describe how people's interactions with their environment have changed over time. *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - respond in writing/drawing about their museum visit or the information provided by a guest speaker
 - read/discuss a piece of literature
 - prepare a written/drawn response about a piece of literature read to the class
- Inquiry
 - interview an elder
 - collect news items about a current environmental issue
- Participation
 - contribute to discussion

Products Created/Written Evaluation/Portfolios

- the bulletin board display of news items about a local environmental issue

Summative

Teachers could ask the class to create a time line of changes in their local physical environment brought about by an industry/occupation.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

- *Aunt Flossie's Hats*, Elizabeth Howard
- *The Milkman's Boy*, Donald Hall

Agencies/Groups

National/International

Local

- elder
- community museum

2.4.3 Students will be expected to demonstrate an understanding of sustainable development and its importance to our future (local, national, and global).

Outcomes

Students will be expected to

- identify and locate a variety of environments and natural resources (local, national, and global)
- describe sustainability issues (local, national, and global)
- plan, carry out, and evaluate a conservation activity

Suggestions for Learning and Teaching

Teacher Talk

Sustainable development refers to development that is carried out in a way that ensures that natural resources will not be depleted but will remain available, in perpetuity, for succeeding generations. In essence, it is the practice of using a resource so that it will always be there.

In Grade One, Unit 2: Environments, students identified some examples of their local physical features and regions, and both natural and constructed. They should have explored how people interact with their natural and constructed environment; and that our rainforests, deserts, rivers, oceans, mountains, and polar regions are affected by how we use natural resources, such as forests, minerals, fish. As well, they would have gained an awareness that the conservation and sustainability of the physical features and regions are important, and that sustainable practices must be encouraged on a local, national, and global level.

- Teachers can identify various physical features and regions that are found in the world by using an appropriate book, set of books, or atlas. The selected resource should illustrate examples such as: deserts, forest, grasslands, mountains, oceans, and polar regions. Then ask children to make a poster or picture book illustrating the various physical environments found in their local area and how they provide resources. Display the illustrations and discuss the similarities and differences of each. Locate examples on a map.
- Teachers can point out examples of sustainability efforts that students see taking place in their community. Discuss with them other examples where sustainability issues could be addressed. Take a field trip.

2.4.3 Students will be expected to demonstrate an understanding of sustainable development and its importance to our future (local, national, and global).

Suggestions for Assessment**Suggested Links**

2.4.3 Students will be expected to demonstrate an understanding of sustainable development and its importance to our future (local, national, and global). *(continued)*

Outcomes

Students will be expected to

- identify and locate a variety of environments and natural resources (local, national, and global)
- describe sustainability issues (local, national, and global)
- plan, carry out, and evaluate a conservation activity

Suggestions for Learning and Teaching

- Students can reflect on the importance of sustaining the physical features and regions they identified. Ask them to consider how they could conserve, protect, and participate in age-appropriate sustainable practices, such as recycling and waste watch programs. A KWL chart could be used.

Teacher Talk

Teachers will need to help students understand the connection between sustainability and resources. Teachers may also wish to discuss the concept of conservation. Conservation is a subset of sustainability that involves protecting our physical environment from loss. For example, family members can protect the physical environment by participating in such activities as a beach clean-up, salmon replacement, or replanting trees.

- Students can do a case study of all the ways we depend on the physical environment, for example forests/trees, fishing limits. Prepare a “needs” and “wants” chart. As an extension, identify resource people who may provide suggestions or interview adults or older children for ideas. Ask students to make a mural, poster, or song to share their understanding.
- Teachers can select and use an appropriate book as a read aloud. The selected book should look at the importance of small contributions children and young people can make in an area of environmental concern. After reading the book to the class, the teacher may wish to ask children if they can think of any local environmental concern they have. The class could then explore any ways, however small, that they might be able to help.

2.4.3 Students will be expected to demonstrate an understanding of sustainable development and its importance to our future (local, national, and global). *(continued)*

Suggestions for Assessment

Formative

Demonstrate a Skill

Peer/self-evaluation and teacher observation can be used to evaluate skills/processes.

- Communication
 - respond to field trip
 - read/discuss a piece of literature about sustainability
 - write a letter on a conservation/sustainability issue
- Inquiry
 - locate physical features/regions on a map
 - interview an elder/older student
 - plan and evaluate a conservation activity
- Participation
 - carry out a conservation activity
 - contribute to the poster, picture book, or song composition.

Products Created/Written Evaluation/Portfolios

- the mural/picture book/song
- the poster/picture book of features of the local physical environment.
- the KWL chart of age-appropriate sustainable practices
- the needs/wants chart

Summative

- Teachers could have students set a personal goal to practise conservation. For example, ask them to choose an objective and write it on a chart. Every Friday ask the child to assess his/her progress with the use of a happy face, neutral face, or sad face to indicate progress in meeting the objective.
- Teachers could ask students to make a shoe box diorama illustrating local physical features of the physical environment.
- Teachers could ask students to discuss/list ways to practise conservation in the home.

Suggested Links

Curriculum

CAMET Curriculum

- Language Arts
- Mathematics

Provincial Curriculum

- Art

Resources

- This Earth Is Ours series
- *Come Back, Salmon*, Molly Cone
- *The Lorax* (text and video), De. Seuss

Agencies/Groups

National/International

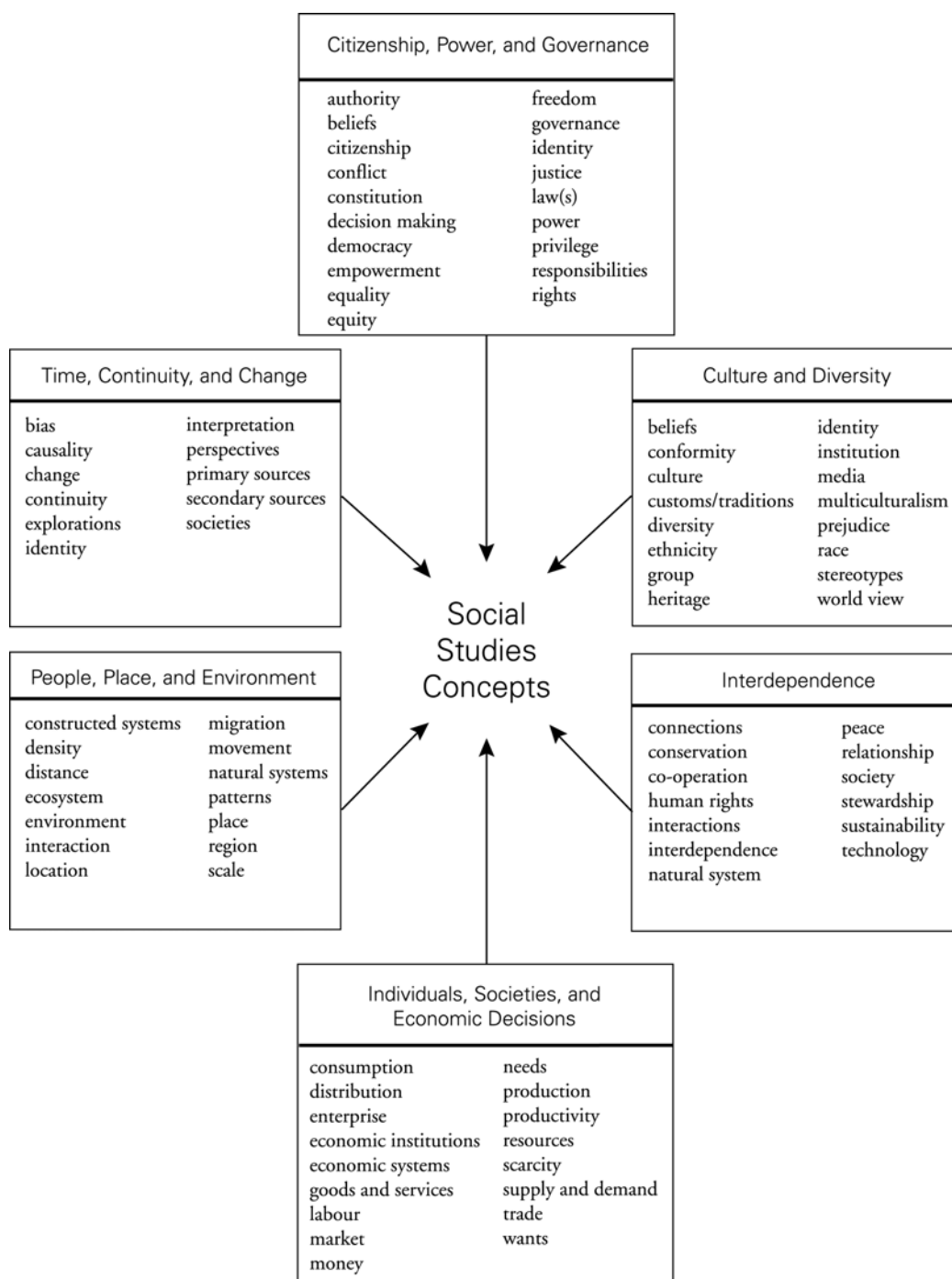
Local

- an elder
- older student
- guest speaker

|

Appendices

Appendix A: Concepts in Kindergarten– Grades 8/9 Social Studies



Appendix B: Process–Skills Matrix

Process: Communication

Skill	Critical Responsibilities for Social Studies	Shared Responsibilities
read critically	<ul style="list-style-type: none"> detect bias in historical accounts distinguish fact from fiction detect cause and effect relationships detect bias in visual material 	<ul style="list-style-type: none"> use picture clues and picture captions to aid comprehension differentiate main and subordinate ideas use literature to enrich meaning
communicate ideas and information to a specific audience	<ul style="list-style-type: none"> argue a case clearly, logically, and convincingly 	<ul style="list-style-type: none"> write reports and research papers
employ active listening techniques	(see shared responsibilities)	<ul style="list-style-type: none"> listen critically to others' ideas or opinions and points of view participate in conversation, and in small- and whole-group discussion
develop mapping skills	<ul style="list-style-type: none"> use a variety of maps for a variety of purposes use cardinal and intermediate directions to locate and describe places on maps and globes construct and interpret maps that include a title, a legend, a compass rose, and scale express relative and absolute location use a variety of information sources and technologies in the preparation of maps express orientation by observing the landscape, by using traditional knowledge, or by using a compass or other technology 	
express and support a point of view	<ul style="list-style-type: none"> form opinion based on critical examination of relevant material restate major ideas of a complex topic in concise form 	<ul style="list-style-type: none"> differentiate main and subordinate ideas respond critically to texts
select media and styles appropriate to a purpose	(see shared responsibilities)	<ul style="list-style-type: none"> demonstrate a beginning awareness of purpose and audience

Skill	Critical Responsibilities for Social Studies	Shared Responsibilities
use a range of media and styles to present information, arguments, and conclusions	<ul style="list-style-type: none"> • use maps, globes, and geo-technologies • produce and display models, murals, collages, dioramas, art work, cartoons, multimedia • interpret/use graphs and other visuals 	<ul style="list-style-type: none"> • present information and ideas using oral, visual, material, print, or electronic media
present a summary, report, or argument	<ul style="list-style-type: none"> • use appropriate maps, globes, and graphics 	<ul style="list-style-type: none"> • create outline of topic • prepare summaries • take notes
use various forms of group and interpersonal communications such as debating, negotiating, establishing a consensus, classifying, and mediating conflict	<ul style="list-style-type: none"> • participate in persuading, compromising, debating, and negotiating in the resolution of conflicts and differences 	<ul style="list-style-type: none"> • participate in delegating duties, organizing, planning, making decisions, and taking action in group setting • contribute to the development of a supportive climate in groups

Process: Inquiry

Skill	Critical Responsibilities for Social Studies	Shared Responsibilities
frame questions or hypotheses that give clear focus to an inquiry	<ul style="list-style-type: none"> identify relevant primary and secondary sources identify relationships between items of historical, geographic, and economic information combine critical social studies concepts into statement of conclusions based on information 	<ul style="list-style-type: none"> identify relevant factual material identify relationship between items of factual information group data in categories according to appropriate criteria combine critical concepts into statement of conclusions based on information restate major ideas in concise form form opinion based on critical examination of relevant information state hypothesis for further study
solve problems creatively and critically	(see shared responsibilities)	<ul style="list-style-type: none"> identify a situation in which a decision is required secure needed factual information relevant to making the decision recognize the values implicit in the situation and the issues that flow from them identify alternative courses of action and predict likely consequences of each make decision based on data obtained select an appropriate strategy to solve a problem self-monitor one's decision-making process
apply a variety of thinking skills and strategies	<ul style="list-style-type: none"> determine the accuracy and reliability of primary and secondary sources and geographic data make inferences from primary and secondary materials arrange related events and ideas in chronological order 	<ul style="list-style-type: none"> determine the accuracy and reliability of data make inferences from factual material recognize inconsistencies in a line of argument determine whether or not the information is pertinent to the subject
recognize significant issues and perspectives in area of inquiry	<ul style="list-style-type: none"> research to determine the multiple perspectives on an issue 	<ul style="list-style-type: none"> review an interpretation from various perspectives critically examine, relationships between and among elements of an issue/topic examine and assess a variety of viewpoints on issues before forming an opinion

Skill	Critical Responsibilities for Social Studies	Shared Responsibilities
identify sources of information relevant to the inquiry	<ul style="list-style-type: none"> identify an inclusive range of sources 	<ul style="list-style-type: none"> identify and evaluate sources of print use card catalogue to locate sources use search engine to locate sources on WWW use periodical index
gather, record, evaluate, and synthesize information	<ul style="list-style-type: none"> interpret history through artifacts use sources of information in the community access oral history including interviews use map and globe reading skills interpret pictures, charts, graphs, photographs, tables, and other visuals organize and record information using time lines distinguish between primary and secondary sources identify the limitations of primary and secondary sources detect bias in primary and secondary sources 	<ul style="list-style-type: none"> use a variety of information sources conduct interviews of individuals analyse evidence by selecting, comparing, and categorizing information
interpret meaning and the significance of information and arguments	<ul style="list-style-type: none"> interpret the socio-economic and political messages of cartoons and other visuals interpret the socio-economic and political messages of artistic expressions, e.g., poetry, literature, folk songs, plays 	<ul style="list-style-type: none"> identify ambiguities and inconsistencies in an argument identify stated and unstated assumptions
analyse and evaluate information for logic and bias	<ul style="list-style-type: none"> distinguish between hypothesis and evidence and hypothesis and generalizations distinguish between fact and fiction, fact and opinion, and fact and value 	<ul style="list-style-type: none"> estimate the adequacy of the information distinguish between relevant and irrelevant information
test data, interpretations, conclusions, and arguments for accuracy and validity	<ul style="list-style-type: none"> compare and contrast credibility of differing accounts of same event recognize the value and dimension of interpreting factual material recognize the effect of changing societal values on the interpretation of historical events 	<ul style="list-style-type: none"> test the validity of information using such criteria as source, objectivity, technical correctness, currency apply appropriate models such as diagramming, webbing, concept maps, flowcharts to analyse data state relationships between categories of information

Skill	Critical Responsibilities for Social Studies	Shared Responsibilities
draw conclusions that are supported by the evidence	(see shared responsibilities)	<ul style="list-style-type: none"> • recognize the tentative nature of conclusions • recognize that their values may have influenced their conclusion/interpretations
make effective decisions as consumers, producers, savers, investors, and citizens	<ul style="list-style-type: none"> • access, gather, synthesize, and provide relevant information and ideas about economic issues • generate new ideas, approaches, and possibilities in making economic decisions • identify what they gain and what they give up when they make economic choices • use economic data to make predictions about the future 	

Process: Participation

Skill	Critical Responsibilities for Social Studies	Shared Responsibilities
engage in a variety of learning experiences that include both independent study and collaboration	(see shared responsibilities)	<ul style="list-style-type: none"> • express personal convictions • communicate own beliefs, feelings, and convictions • adjust own behaviour to fit the dynamics of various groups and situations • recognize the mutual relationship between human beings in satisfying one another's needs • reflect upon, assess and enrich their learning process
function in a variety of groupings, using collaborative and cooperative skills and strategies	(see shared responsibilities)	<ul style="list-style-type: none"> • contribute to the development of a supportive climate in groups • serve as a leader or follower • assist in setting goals for the group • participate in making rules and guidelines for group life • participate in delegating duties, organizing, planning, making decisions, and taking action in group setting • participate in persuading, compromising, debating, and negotiating in the resolution of conflicts and differences • use appropriate conflict resolution and mediation skills • relate to others in peaceful, respectful, and non-discriminating ways

Skill	Critical Responsibilities for Social Studies	Shared Responsibilities
respond to class, school, community, or national public issues	<ul style="list-style-type: none"> • keep informed on issues that affect society • identify situations in which social action is required • work individually or with others to decide on an appropriate course of action • accept and fulfil responsibilities associated with citizenship • articulate their personal beliefs, values, and world views with respect to given issues • debate differing points of view regarding an issue • clarify preferred futures as a guide to present actions 	
relate to the environment in sustainable ways and promote sustainable practices on a local, regional, national, and global level	<ul style="list-style-type: none"> • recognize the economic factors associated with sustainability (see shared responsibilities) • identify ways in which governments can affect sustainability practices 	<ul style="list-style-type: none"> • develop the personal commitment necessary for responsible community involvement • employ decision-making skills • contribute to community service and/or environmental projects in schools and communities • promote sustainable practices in families, schools, and communities • monitor their own contributions

Appendix C: Disciplines of Social Studies

The social studies program draws from many disciplines to achieve its goals. It is firmly grounded in history, geography and economics. While these disciplines are the mainstays of the program, there has been extensive borrowing of ideas, materials, and techniques from other fields. Knowledge from other disciplines within the social sciences and from the humanities are equally capable of contributing to the solution of human and societal problems and thus are seen as vital elements of the entire social studies curriculum.

History contributes a mind-set drawn largely from literary and humanistic traditions. It encourages analysis and discussion of story lines, characters, and context in a fashion specific to time and place and may promote generalization. Most historians seek to develop carefully drawn descriptions of a time period, event, or personality based primarily upon contemporary accounts, statistics, and/or artifacts. History provides social studies with the key concepts of chronology, continuity, change, cause and effect, bias, exploration, colonization, and civilization.

Geography examines the interaction of humans within their spatial environments and the effects on the location and development of place and region. The study of geography attempts to answer four primary questions: Where is it? Why is it there? How is it organized? Why is that significant? The key geography concepts promoted in the social studies curriculum include landforms, urbanization, habitat, spatial interaction, region, location, diffusion, population density, ecosystem, climate, demographics, migration, resources, and sustainable economic development.

Economics is the study of how we use resources to satisfy wants and needs. The study of economic concepts, principles, and systems helps develop the knowledge and skills necessary for making personal choices and participating in the process of societal economic decision-making. Economics supports such key concepts as scarcity, production, distribution, consumption, opportunity cost, price, supply, demand, needs and wants, productivity, goods and services, money, economic institutions and enterprise.

The other fields of study, such as political science, anthropology, and sociology also contribute essential understandings and competencies to the social studies. Political science is the study of how we attempt to establish and maintain order in society by investigating relationships between power and those subjected to it. It contributes such key concepts as government, federalism, nation, province, parliament, legislative assembly, senate, monarchy, bureaucracy, citizenship, judiciary, and due process of law. Anthropology is the study of

culture, how it is established and how it functions. Concepts of importance to social studies include archaeology, language, ethnology, acculturation, ritual, tradition, customs, innovation, and artifacts. Sociology is the study of groups and how they function. Sociology contributes such key concepts as groups, socialization, society, social status, social class, social roles, social mobility, segregation, role expectations, stratification, family, norms, and power.

The humanities reflect our effort to make moral, philosophical, and ethical sense of the world. Literature, drama, art, philosophy, and music express and preserve the wisdom of courageous men and women. For writers, artists, and spiritual leaders, the humanities represent a landscape in which human potential can be explored. The humanities provide a structure of accountability for the consequences of the knowledge that scientists and social scientists create. At this stage of scientific development, when a lack of moral judgment can lead to catastrophic consequences, it is imperative that society guides the use of scientific advances by ethical standards so that knowledge may be used for human betterment.

The utilization of these disciplines as supports for the social studies provides educators with a great deal of flexibility in selecting content, based on the needs of the learner and the nature of society, and in promoting different methods of learning. The guide neither espouses nor anticipates a discipline-by-discipline approach to the social studies but rather envisions and advocates the integration of all of these disciplines in an interdisciplinary approach. The courses at each grade level are designed to reflect a careful, judicious, rich blending of the various disciplines of the social studies program so that students may benefit from the rich and diverse sources of knowledge that are available.

Appendix D: Resources

[to be added]