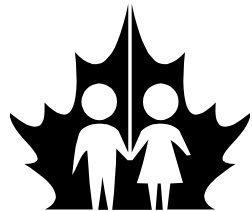

Curriculum Overview

Grade 2

The Grade 2 program is designed to provide opportunities for children to acquire the basic skills fundamental to their continuing education. The classroom environment focuses on developing and maintaining the child's confidence and sense of self-worth. Students are given the opportunity to make decisions within a structured setting. This document is an overview of the curriculum to which your child will be exposed. The Maples Curriculum is designed to enhance the Ontario Ministry of Education curriculum expectations.



The Maples

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Visual Arts

Knowledge of Elements

- recognize and name the secondary colours of pigment (purple, orange, green)
- describe how the secondary colours can be created by mixing the primary colours

Creative Work

- produce two- and three-dimensional works of art
- identify, in a plan, their specific choices of subject matter and tools, materials, and techniques

Critical Thinking

- describe the subject matter of a variety of art works from various cultures and periods
- describe the relationship between an art work and their own experiences

Drama and Dance

- use the vocabulary, tone of voice, and body movements appropriate for a specific character when role playing
- create short dance pieces using techniques learned in this grade
- interpret the meaning of stories, poems, and other material drawn from a variety of sources and cultures, using several basic drama and dance techniques
- compare what they experience through drama and dance presentations with their experience of daily life

Values

The Values curriculum is a school-wide program with the following components:

Social Skills

The *Working It Out* program is designed to help students develop the knowledge, skills and behaviours needed to address everyday conflicts constructively and peacefully.

Character Education

"The Values Book"

This program aims to increase children's awareness, understanding and practical experience of basic values. Specific values will be addressed through definition, ideas for thought and discussion, as well as special activities and projects.

Service Project

Pennies for Peace

Through the *Pennies for Peace* organization, students will collect pennies to bring hope and educational opportunities to children in *Economically Developing* countries.

A penny in Canada is virtually worthless, but in Pakistan and Afghanistan a penny buys a pencil and opens the door to literacy.

Social Studies

Heritage and Citizenship – Traditions and Celebrations

- demonstrate an understanding that Canada is a country of many cultures
- describe family history and traditions as they relate to being Canadian
- describe contributions made by individuals and groups to the local community

Canada and World Connections – Features of Communities Around the World

- demonstrate an understanding that the world is made up of countries where people have both similar and different lifestyles
- use maps and globes to locate countries as part of a comparative study of families from countries from different continents
- describe how the environment affects the ways in which needs are met (e.g., influences of climate on food, clothing, and shelter)

Physical and Health Education

The primary physical education program is designed to allow the students to participate in both individual and team games in a non-threatening atmosphere. The movement skills are organized into three categories: locomotion/travelling, manipulation and stability.

Students will be encouraged to explore their own abilities through a variety of vigorous activities intended to improve their level of fitness. Skills involving both fine and gross motor movements will be introduced as a basis for further development.

Health topics include

- *Healthy Eating*
 - identify a balanced diet and apply decision-making skills to create menus for healthy meals
- *Personal Safety and Injury Prevention*
 - safety rules to be followed in the home, school, and community
- *Growth and Development*
 - describe parts of the human body, the functions of these parts, and behaviours that contribute to good health
- *Substance Use and Abuse*
 - outline the safe use of medicines

Music

Technique

- intonation and articulation
- always singing "nicely"

Rhythmic Elements

- whole note and whole rest
- syncopated eighth, quarter, eighth

Melodic Elements

- add low *so* and *la* with notation
- add high *do* and *re* with notation

Content

- music relating to others; first and second endings

English

The language program is organized to develop basic skills in the following three strands:

Reading

- read a variety of simple written materials (e.g., pattern books on specific themes, stories, chart stories, poems, interactive software)
- read aloud in a way that communicates the meaning
- read independently, using reading strategies appropriate for this grade level
- independently select stories and other reading materials by a variety of authors
- identify characteristics of different forms of written materials (e.g., poem, story, children's dictionary, recipe)
- express clear responses to written materials, relating the ideas in them (thoughts, feelings, experiences) to their own knowledge and experience

Writing

- organize ideas in a logical sequence (e.g., write stories that have a beginning, middle, and end)
- begin to write more elaborate sentences by using adjectives and adverbs
- produce short pieces of writing using simple forms
- use some materials from other media (e.g., collage) to enhance their writing
- revise and edit written work, focusing on specific features (e.g., sequence of ideas), with assistance from the teacher
- use correctly the conventions (spelling, grammar, punctuation, etc.) specified for this grade level

Oral and Visual Communication

- communicate messages, and follow instructions and directions
- listen to discussions on familiar topics and ask relevant questions
- retell stories and recount personal experiences, presenting events in a coherent sequence
- create simple media works
- re-tell a short story in a formal setting to prepare for speeches in the junior and intermediate grades
- participate in group discussions, demonstrating a sense of when to speak, when to listen, and how much to say

Students are introduced to formal novel studies in grade two. An evaluation of both the readers' interests and comprehension skills are considered when novels are chosen.

Stone Fox
Ask Einstein
Flat Stanley
Stanley and the Magic Lamp
When the Truck Got Stuck
Never Hitch a Ride With a Martian

Freckle Juice
The Little Princess
Stanley's Christmas Adventure

English is a cross-curricular subject. Teachers will use the topics studied in Social Studies, Science, etc. to complement the English program.

Mathematics

The mathematics curriculum is organized into five major areas of knowledge and skills.

Number Sense and Numeration

- read, represent, compare and order whole numbers to 100 and use concrete materials to represent fractions and money amounts to 100¢
- demonstrate an understanding of magnitude by counting forward to 200 and backwards from 50, using multiples of various numbers as starting points
- solve problems involving the addition and subtraction of one and two digit whole numbers, using a variety of strategies, and demonstrate an investigate multiplication and division

Geometry and Spatial Sense

- identify two-dimensional shapes and three-dimensional figures and sort and classify them by their geometric properties
- compose and decompose two-dimensional shapes and three-dimensional figures
- describe and represent the relative location of objects and represent objects on a map

Measurement

- estimate, measure, and record length, perimeter, area, mass, capacity, time and temperature using non-standard and standard units
- compare, describe and order objects using attributes measured in non-standard and standard units

Patterning and Algebra

- identify, describe, extend and create repeating patterns, growing patterns and shrinking patterns
- demonstrate an understanding of the concept of equality between pairs of expressions, using concrete materials, symbols, addition and subtraction

Data Management and Probability

- collect and organize primary data and display the data using tally charts, concrete graphs, pictographs, line plots, simple bar graphs and other graphic organizers
- read and describe primary data presented in graphic organizers
- describe probability in everyday situations and simple games

French

The objectives of the primary program are to develop a positive attitude towards learning a second language.

The format includes games and activities such as:

- listening to stories
- playing games to reinforce the vocabulary being taught
- learning songs and rhymes
- learning to express themselves using simple expressions, e.g. "Ça va?"

Themes vary and may include the following topics: weather and seasons, clothing, house and furniture, school, animals, foods, parts of the body, colours, the alphabet, counting, and holidays.

Science and Technology

Students are given opportunities to "experience" and learn about the wonders of science and the world around them.

Life Systems

Growth and Changes in Animals

- demonstrate an understanding of the similarities and differences among various types of animals and the ways in which animals adapt to different environmental conditions
- investigate physical and behavioural characteristics and the process of growth of different types of animals

Matter and Materials

Properties of Liquids and Solids

- demonstrate an understanding of the properties of familiar liquids
- investigate the properties of and interactions between liquids and between liquids and solids, and identify the types of objects or materials that can be used to contain liquids and solids

Energy and Control

Energy From Wind and Moving Water

- demonstrate an understanding of the movement of air and of water as sources of energy
- design and construct devices that are propelled by moving air or moving water

Structures and Mechanisms

Movement

- describe the position and movement of objects, and demonstrate an understanding of how simple mechanisms enable an object to move
- design and make simple mechanisms, and investigate their characteristics

Earth and Space Systems

Air and Water in the Environment

- demonstrate an awareness of the forms in which water and air are present in the environment, and describe ways in which living things are affected by water and air
- investigate the visible effects of air and water in the environment

Science Week

- students will participate in a centre-based activity day designed to promote interest in the various fields of Science

Computer Education

The use of computers is encouraged and implemented in all subject areas. Computer instruction includes

- **Keyboarding** - use right and left hands on appropriate sides of the keyboard
- **Word Processing** - type text from a written or printed source
- **Graphics** - manipulate shapes on the screen
- **Multimedia** - browse text, pictures and sound
- **Electronic Communications** - follow "hypertext links"
- be familiar with the school website