

Science and Social Studies

Rocks and Minerals: Students will examine various types of rocks on earth. Students will also gain an understanding of rock formation, as well as how humans use rocks.	Geography of Canada: Students will learn about Canada and where it is located in the world. Students will also study Canada's geographic regions, locate landforms and provinces.
Sound: Students will learn about the properties of sounds, and how light can be observed, measured and controlled in various ways. Students will gain an understanding of what causes sound, how the human ear is designed, and how factors can modify sound. Students also construct a musical instrument.	History of Canada: Students will gain an understanding of Canada's history. Students will explore various aspects of government, leadership and power, focusing on national, provincial and territorial symbols, monuments, famous explorers, as well as Aboriginal history, customs and contributions.
Light: Students will learn about the properties of light, energy they encounter in everyday life, as well as how light travels. They will also construct an optical device using the design process.	Geography of Manitoba and History of Manitoba: Students will examine Manitoba's physical and natural environment, people, places and communities, as well as go into detail of the formation of Manitoba and its contributions to the world.
Habitats and Communities: Students will gain an understanding of the basic needs of plants and animals	The North: Students will explore the northern territories of Canada. They will examine stories, traditions, changes in ways of life and it's contributions to Canada.

Math**Grade 3**

<u>Unit</u>	<u>Contents</u>
Unit 1: Number	Number sequence, skip counting
Unit 2: Patterns & Relations	Increasing & Decreasing patterns
Unit 3: Number	Representing numbers, comparing, ordering, estimation and place value
Unit 4: Number	Addition- 1, 2 and 3 -digit
Unit 5: Number	Subtraction- 1, 2,3 -digit
Unit 6: Shape and Space	Time, days, weeks, months, years
Unit 7: Number	Multiplication to 5 x 5, arrays, repeated addition
Unit 8: Number	Division, sharing equal groups, repeated subtraction
Unit 9: Statistics & Probability	Collecting and organizing data, constructing and labeling bar graphs
Unit 10: Shape & Space	Measurement: measuring length (cm,m) and mass (g, kg) and perimeter
Unit 11: Number	Fractions
Unit 12: Shape & Space	3D objects, faces, edges, vertices, sorting regular and irregular polygons.

Grade 4

<u>Unit</u>	<u>Contents</u>
Unit 1: Number	Number sequence, skip counting
Unit 2: Patterns & Relations	Increasing and decreasing patterns, using tables and charts.
Unit 3: Number	Representing numbers to 10,000, comparing, ordering, estimation and place value.
Unit 4: Number	Addition with answers to 10, 000.
Unit 5: Number	Subtraction
Unit 6: Shape & Space	Time: reading and recording (analog and digital), 24 hour clocks, calendar
Unit 7: Number	Multiplication to 9 x 9, halving, doubling, repeating, 2-, 3-digit by 1-digit.
Unit 8: Number	Division, 1-digit divisor and up to 2-digit dividend.
Unit 9: Statistics and Probability	Construct and interpret pictographs and bar graphs.
Unit 10: Shape & Space	Measurement: area of regular and irregular 2-D shapes.
Unit 11: Number	Fractions
Unit 12: Shape & Space	2-D shapes and 3-D objects. Describe and construct rectangular and triangular prisms, symmetry.

English Language Arts

In ELA we will cover a variety of methods such as individual reading, and guided reading. Students will be working on a weekly spelling program where new words will be introduced at the start of the week and worked with throughout the week, using spelling books and word work activities, ending the week with a spelling test. We will also incorporate ELA centres, journal responses, cursive writing, communication skills, poetry, reader's theatre and novel study throughout the year.

French

Topics that will be covered throughout this year will include colours, numbers, food, vocabulary, greetings, questions, seasonal words, family and songs.

Art

Throughout the year students will be engaged in a variety of artistic activities. These activities will reflect other subjects as well as holidays and events.