

Term 1 Curriculum Newsletter

Grade 5

2020/2021

French Language Arts

Reading	Writing	Listening	Speaking
<ul style="list-style-type: none">- Developing and practicing reading comprehension strategies- Building stamina for reading longer more complex texts-Building vocabulary-Using text features to develop reading comprehension-Infer meaning about details that aren't explicitly stated in the text	<ul style="list-style-type: none">-Parts of speech, proper sentence structure- Present tense of verbs- Use graphic organizers to support idea generation and organisation-Develop basic editing skills (using the POMMES model)- Produce a variety of texts i.e poem/ list of sentences/email/ opinion piece	<ul style="list-style-type: none">-listen to and follow oral instructions-use listening strategies to comprehend and participate in discussions, group activities- listen to a variety of media texts (eg. Là où je dors)	<ul style="list-style-type: none">- practice and build on spontaneous oral interaction skills- Speak spontaneously and in rehearsed contexts using familiar and newly acquired vocabulary-discussions pertaining to shared class reading, short texts, videos, etc.- speak in increasingly complex sentences- speak with increasing fluidity

Mathematics

September – October

Numbers, Patterns & Shapes in Everyday Life

- Identify and describe repeating and growing **patterns**, including patterns found in real-life contexts, including whole numbers and decimals
- Read, represent, compose, and decompose **whole numbers** up to and including 100 000 (e.g. $45\,876 = 40\,000 + 5\,000 + 800 + 70 + 6$)
- read, represent, compare, and order **decimal numbers** up to hundredths
- Identify geometric properties of **triangles**, and construct different types of triangles when given side or angle measurements

November – December

Facts, Expressions & Equations including the Area of Parallelograms & Triangles

- Recall and demonstrate **multiplication facts** from 0×0 to 12×12 , and related division facts
- Determine the formulas for the **area** of a parallelogram and the area of a triangle. Explore that 2D shapes with the same area can have different perimeters
- **Solve problems** involving whole numbers and decimal numbers, including those requiring more than one operation, and check calculations
- Solve **equations** that involve whole numbers up to 100 in various contexts, and verify solutions
- Evaluate **algebraic expressions** that involve whole numbers

December – January

Number Patterns & Number Relationships

- Represent **equivalent fractions** from halves to twelfths, including improper fractions and mixed numbers.
- **Add and subtract fractions** with like denominators
- describe relationships and show equivalences among fractions, decimal numbers up to hundredths, and whole number percents

January – early February

Data & Introduction to Mathematical Modelling

- **Collect data**, using appropriate sampling techniques as needed, to answer questions of interest about a population, and **organize the data** in relative-frequency tables. **Display the data** in the graphs with proper sources, titles, and labels, and appropriate scales; and justify their choice of graphs
- Create an **infographic** about a data set, representing the data in appropriate ways
- Determine the **mean, median and mode(s)**, for various data sets involving whole numbers and decimal numbers
- Analyse different sets of data presented in various ways, including in **stacked-bar graphs** and in misleading graphs to make informed decisions
- Apply the process of mathematical modelling to represent, analyse, make predictions, and provide insight into real-life situations

English Language

Reading & Media:

- Read Alouds
- Responding to comprehension questions, building vocabulary, developing reading strategies and fluency
- Solar system project with various media presentation options
- Independent reading project
- Newspaper article summary

Writing:

- Paragraph writing
- Vocabulary building
- Parts of speech (nouns, verbs, adjectives)
- Editing and revision of written work (beginning to follow the steps of the writing process)

Oral Communication;

- Spontaneous and rehearsed presentations
- Listening strategies
- Asking questions and participation

Social Studies

Strand A. Heritage and Identity - Interactions of Indigenous Peoples & Europeans prior to 1713, in What Would Eventually Become Canada

- Analyse some key short- and long-term consequences of interactions among Indigenous peoples, among Europeans, and between Indigenous and European people prior to 1713 in what would eventually become Canada.
- Investigate aspects of the interactions among Indigenous peoples and Europeans from various perspectives.

Science

Conservation of Energy and Resources

- Analyse the immediate and long-term effects of **energy** and resource use on society and the environment, and evaluate options for conserving energy and resources
- Demonstrate an understanding of the various forms and sources of energy and the ways in which energy can be transformed and conserved
- **A focus on:** renewable or non-renewable energy sources; Conservation is one way of reducing the impacts of using energy and resources

Forces Acting on Structures and Mechanisms

- Analyse social and environmental impacts of forces acting on structures and mechanisms (e.g. natural disasters)
- Investigate forces that act on structures and mechanisms

Visual Arts

- Explore elements of design: Line; Shape and form; Space; Colour; Texture; Value.
- Students will develop understanding of the principles of design (contrast, repetition and rhythm, variety, emphasis, proportion, balance, unity and harmony, and movement). The focus in grade 5 is **proportion**.
- Apply the creative process to produce art works in a variety of traditional two and three dimensional forms
- Demonstrate an awareness of ways in which visual arts reflect the beliefs and traditions of a variety of peoples and of people in different times and places

Drama

- Apply the elements of drama (Role/character; Relationship; Time and place; Tension; Focus and emphasis) through active role play and exploration

Physical Education

- participate actively and regularly in a wide variety of physical activities (e.g. cooperative games, soccer, fitness challenges)
- perform movement skills and demonstrate control of the body when varying speed, direction or level of movement (e.g. jumping, running, aiming at a target)
- send and receive objects using different body parts and various types of equipment

Health

- Personal Safety & Injury Prevention: Supports for personal injury, emergencies, violence and bullying
- Healthy Eating: Nutrition fact tables, food labels, setting healthy goals
- Self-awareness, mental health & wellbeing