

Sunrise Montessori School

Elementary Curriculum: Grade 1 and 2

Language

Oral Communication

- Listen in order to understand and respond appropriately in a variety of situations, for example, listening to a story and gathering information to answer comprehension questions
- Grade 2: remembering key details in order to write answers in full sentences
- Using speaking skills and strategies to communicate with different audiences for a variety of purposes; answer questions and tell stories
- Grade 2: voice own opinion
- Reflect and identify their strengths as listeners and speakers, areas of improvement and helpful strategies in oral communication skills
- Grade 2: be able to speak in front of class and memorize short poems

Reading

- Read and demonstrate an understanding of a variety of literary, graphic and informal texts using a range of strategies to construct meaning
- Grade 2: read longer texts with meaning and answer comprehension questions, including book reports
- Recognize text forms, features, style elements and how they convey meaning
- Using cuing systems and knowledge of words to read fluently
- Grade 2: read with character and expression
- Reflect and find ways to improve before, during and after reading

Writing

- Generate, gather and organize ideas and information for intended purposes (Example: use a story web, rough draft and final good copy of written work)
- Grade 2: write using fluent language and many details
- Draft and revise writing using a variety of informational and literary forms and stylistic elements appropriate for different audiences
- Use editing, proofreading and publishing skills and knowledge of writing conventions to correct errors, refine expression and present work
- Grade 2: edit and proofread with classmates
- Reflect and identify their own strengths as writers and areas of improvement

Media Literacy

- Demonstrate an understanding of a variety of media texts (cereal box, menu, flyers, television ad)
- Explain how the conventions and techniques are used to convey meaning
- Create media texts for different purposes and audiences using various techniques

Mathematics

Number Sense and Numeration

- Represent, compare and order whole numbers, including money amounts using a variety of tools

- Compose and decompose whole numbers to 100, round numbers and compare fractions and whole parts
- Regrouping, estimating and representing numbers
- Count backwards and forwards by 2, 5, 10 using number lines, charts and times tables
- Add and subtract
- Grade 2: multiply and divide

Data Management

- Sort and classify objects into different categories using attributes (Example: colour, size, shape)
- Grade 2: age, gender
- Gather data to answer surveys, graph and show answers
- Grade 2: create all aspects of the graph
- Read and demonstrate understanding of primary data presented in graphs, pie charts and graphic organizers
- Describe probability as a measure of likelihood using mathematical language

Patterning and Algebra

- Identify, describe and create various patterns
- Represent a given repeating, growing or shrinking pattern through words, sounds and pictures
- Determine the missing numbers in equations ($3 + _ = 4 + 2$)

Geometry and Spatial Sense

- Distinguish between the attributes of an object and its geometric properties (Example: number of sides, edges, vertices)
- Identify and describe various polygons and sort and classify them by geometric properties
- Grade 2: identify and describe three dimensional figures
- Create models of prisms and pyramids using concrete materials
- Locate lines of symmetry
- Create and describe symmetrical designs using a variety of tools

Measurement

- Understand and demonstrate ability to use standard and non-standard units of measurement
- Estimate and record to compare length, height, and width by selecting an appropriate measurement tool
- Measure and compare area and capacity using a variety of methods
- Tell time by quarter hours using digital and analog clock
- Grade 2: tell time to the minute
- Use standard thermometers to show temperature

Science, Technology, Engineering, Arts, Mathematics

- Grade 1: Needs and Characteristics of Living Things: assess the role of humans in maintaining a healthy environment, investigate and demonstrate an understanding of the needs and characteristics of plants and animals

- **Materials, Objects, and Everyday Structures:** investigate structures that are built for a specific purpose to see how their designs and materials suit the purpose; demonstrate an understanding that materials and structure are made from materials with specific properties
- **Energy in Our Lives:** investigate how various types of energy are used in daily life, demonstrate an understanding that energy is something that is needed to make something happen
- **Daily and Seasonal Changes:** investigate daily and seasonal changes, and demonstrate an understanding of the effect these changes have
- **Grade 2: Growth and Changes in Animals:** investigate mechanisms that include simple machines and enable movement, demonstrate an understanding of movement and the ways in which simple machines help to move objects
- **Properties of Liquids and Solids:** investigate the properties and interactions of liquids and solids, demonstrate an understanding of the properties of liquids and solids
- **Air and Water in the Environment:** investigate the characteristics of air and water and the visible/invisible effects of and changes to air and/or water in the environment, demonstrate an understanding of the ways in which air and water are used by living things to help them meet their basic needs

Social Studies

Grade 1: Heritage and Identity: Our Changing Roles and Responsibilities:

People and Environment: The Local Community

Grade 2: Heritage and Identity: Changing Family and Community Traditions

People and Environment: Global Communities

Health and Physical Education

- Participate on a regular basis in physical activities that maintain and improve health
- Recognize the benefits of an active lifestyle
- Healthy living and living skills: Canada's Food Guide for Healthy eating
- Fundamental movement skills: running, skipping, hand-eye coordination
- Locomotion and control of body movements
- Dance

The Arts

Visual Art

- Understand elements of design (line, shape and form, space, colour, texture, value)
- Explore primary and secondary colours
- Create two and three-dimensional works of art
- Grade 2: examine art and discuss it in an educational manner

Music

- Explore elements of music: duration, pitch, dynamics, timbre, texture/harmony, form
- Understand a variety of music genres

- Create and perform for a variety of purposes (concert, sing O Canada)
- Use music to communicate ideas and feelings

Computers

- Operate computer
- Proper finger placement on keyboard
- Type and save documents
- Use games