

Language Arts

(approx. 90 min/daily)

Speaking, Listening, Reading and Writing

- ✓ Explore, extend, clarify and reflect on ideas
- ✓ Communicate ideas effectively and clearly
- ✓ Read widely and experience different genres and authors
- ✓ Use reference materials to find answers to questions
- ✓ Respond critically to text and give personal opinions
- ✓ Effectively use all the cueing systems when reading
- ✓ Identify bias and stereotyping in text
- ✓ Use diagrams, webs, and outlines to assist writing
- ✓ Practice various forms of writing including persuasive, fiction, non-fiction and poetry
- ✓ Use the writing process (pre-writing, drafting, revising, editing, and publishing)
- ✓ Use technology with increasing proficiency to create, revise and edit text
- ✓ Use basic spelling rules and follow the conventions of writing

In order to achieve these outcomes your child will be taking part in group discussions, doing oral presentations, writing and reading on a daily basis, be engaged with word study, and using various reference materials. Your child will have time each day for independent reading and will also be exposed to different genres. We also begin each morning with a daily language review.



Mathematics

(approx. 60 min/daily)



Number Sense - work with numbers from millions to thousandths

Operational sense and operational procedures - computation, estimation and modeling operations (+, -, \times , \div)

Explore, recognize, represent, and apply patterns and relationships
- use tables and graphs to represent equivalent ratios, use patterns to solve problems, rearrange factors to make multiplication simple

Demonstrate an understanding and apply concepts and skills associated with measurement - measure angles, area, perimeter, mass, volume, and the relationships between metric units

Work on spatial sense and apply geometric concepts, properties and relationships - rotations, tessellations, sort figures based on properties, make and interpret orthographic drawings for various three dimensional shapes, symmetry of 3D shapes

Solve problems involving the collection, display, and analysis of data
- use data collection to explore real world issues relevant to them

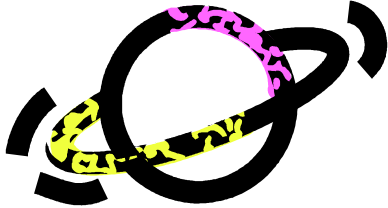
Represent and solve problems involving uncertainty - probability, reliability of sampling

In order to achieve these outcomes, we will be using manipulatives combined with activities from the following resources: Provincial Math Curriculum Guide & Math Makes Sense 6. We will also begin each math session with a daily mental math activity.

GRADE SIX SCIENCE

1-Space (May-June)

A look at space exploration, relative position and motion of the earth, moon and the sun, the solar system, and stars and constellations.



2-Flight (March-May)

A look at drag, lift and wing shape, lift and Bernoulli's principle; wind tunnels, and thrust and propulsion.



3-Electricity (December-February)

A look at electrical safety, static electricity, circuit pathways, electromagnets, uses for electricity, sources of electricity, electrical energy consumption and conservation.



4-Diversity of Life (September-November)

A look at the animal kingdom: vertebrates/invertebrates, microorganisms, and adaptations and natural selection.



Social Studies

(approx. 120 min/week)

Topics will include the following:

- World Cultures
- Environment
- Cultural Influences (traditions, economics, government)
- Expressions of Culture (arts, language, sports & games)
- Global Issues

Our textbook is entitled:

Culture Quest - Exploring World Cultures

Health

(approx. 60 min/week)

Opportunities and activities will be provided to develop knowledge, attitudes, habits, and skills related to achieving and maintaining good health and an active lifestyle. There is also an emphasis on healthy relationships.

Topics include:

- ✓ Decision making skills
- ✓ Human body systems
- ✓ Conflict resolution
- ✓ Puberty
- ✓ Drug and alcohol awareness
- ✓ Disease prevention

