



## Grade 4 Curriculum 2011 – 2012

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### **LANGUAGE**

Students will be able to:

- Use planning and drafting stages to compose written work
- Review and edit their writing
- Identify Types of Sentences and the Parts of Speech
- Write in a variety of forms, including Narratives, Informative and Persuasive Paragraphs, Letters, and Summaries
- Create written work containing an Introduction, Body, and Conclusion
- Correctly use punctuation, including commas, speech marks and apostrophes
- Use a variety of writing, speaking, and listening skills to make connections
- Make use of reference materials to help in writing and study skills
- Participate in various oral presentations and writing projects

### **READING**

Students will be able to:

- Understand and identify the author's purpose
- Engage with a variety of fiction and non-fiction texts
- Summarize, interpret and find details in texts
- Identify plot, characters, problem, and resolution in reading texts
- Read aloud fluently and with the appropriate pace and expression
- Demonstrate reading comprehension through writing, discussion, and dramatization
- Identify the difference between cause/effect and fact/opinion
- Use a dictionary, thesaurus, and encyclopedia

- Use words with multiple meanings (synonyms, antonyms, homophones)
- Read, spell, and define vocabulary presented in reading texts
- Question, analyze, and make predictions

## **MATH**

Students will be able to:

- Understand odd and even numbers
- Read, write, and understand place value to the millions
- Round up whole numbers and decimals
- Use mathematical symbols
- Add and subtract three-digit whole numbers with regrouping
- Use addition, subtraction, multiplication, and division in problem solving
- Become proficient in one and two-digit multiplication and division
- Apply fractions in problem solving situations
- Understand fractions and mixed numbers
- Use critical thinking skills to solve problems
- Read, use, understand and create graphs and tables
- Understand and use metric measurement

## **SCIENCE**

Students will be able to:

- Understand concepts in Life Science
  - Classify and identify plants and parts of plants
  - Identify and classify living things with backbones
  - Understand animal adaptation and the environment
- Understand concepts in Physical Science
  - Identify and understand the States of Matter
  - Identify and understand various sources of Energy and Heat
- Understand concepts in Earth Science
  - Identify the characteristics of rocks and minerals
  - Understand the causes of seasons, tides and eclipses

- Understand the Digestive, Circulatory, and Respiratory Systems of the human body
- Observe and record science evident in every day activities
- Generate questions about the Earth based on observations
- Conduct experiments and record and discuss results
- Use simple measurement tools
- Create explanatory texts, graphs and charts
- Participate in the Science Fair

## **SOCIAL STUDIES**

Students will be able to:

- Understand concepts in World History
  - Study and understand the lives of the Vikings
  - Study and understand aspects of Victorian Britain and its influence on the world
- Understand concepts in Geography
  - Study a particular country in detail
  - Compare and contrast a developing and a developed country
- Understand concepts in Citizenship and Economics
  - Study and compare the main types of government in the world
  - Explore our individual rights and responsibilities as a world citizen