



St. Patrick's Episcopal Day School Second Grade Curriculum Overview

Reading /Language Arts

Word Analysis, Fluency, and Systematic Vocabulary Development

- Understand the basic features of reading
- Select letter patterns and know how to translate them into spoken language by using phonics, syllabication, and word parts.
- Apply this knowledge to achieve fluent oral and silent reading

Reading Comprehension

- Read and understand grade appropriate material
- Draw upon a variety of comprehension strategies as needed (generating and responding to essential questions, making predictions, comparing information from several sources)

Literary Response and Analysis

- Read and respond to a wide variety of significant works of children's literature
- Distinguish between the structural features of the text and the literary terms or elements (theme, plot, setting, characters)

Listening and Speaking

- Listen critically and respond appropriately to oral communication
- Speak in a manner that guides the listener to understand important ideas by using proper phrasing, pitch, and modulation

Speaking Applications (Genres and Their Characteristics)

- Deliver brief recitations and oral presentations about familiar experiences or interests that are organized around a coherent thesis statement
- Speak to demonstrate a command of standard American English and the organizational strategies

Written and Oral English Language Conventions

- Write and speak with a command of standard English conventions appropriate to this level (complete and incomplete sentences, correct word order, correct use of parts of speech, etc.)

St. Patrick's Episcopal Day School

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Mathematics

Number Sense

- Understand the relationship between numbers, quantities, and place value in whole numbers to 1000
- Estimate, calculate, and solve problems involving addition and subtraction of two and three digit numbers
- Model and solve simple problems involving multiplication and division
- Understand that fractions and decimals may refer to parts of a set and parts of a whole
- Model and solve problems by representing, adding, and subtracting amounts of money
- Use estimation strategies in computation and problems solving that involve numbers that use the ones, tens, hundreds, and thousands place

Algebra and Functions

- Model, represent, and interpret number relationships to create and solve problems involving addition and subtraction

Measurement and Geometry

- Understand that measurement is accomplished by identifying a unit of measure, repeating that unit, and comparing it to the item to be measured
- Identify and describe the attributes of common figures in the plane and of common objects in space

Statistics, Data Analysis, and Probability

- Collect numerical data to record, organize, display, and interpret the data on bar graphs and other representations
- Demonstrate an understanding of patterns and how patterns grow and describe them in general ways

Mathematical Reasoning

- Students make decisions about how to set up a problem
- Students solve problems and justify their reasoning
- Students note connections between one problem and another

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Social Studies

People Who Make A Difference

- Differentiate between things that happened long ago and things that happened yesterday
- Demonstrate map skills by describing the absolute and relative locations of people, places, and environments
- Explain governmental institutions and practices in the United States and other countries
- Understand basic economic concepts and their individual roles in the economy and demonstrate reasoning skills:
- Understand how food gets from the farm to the dinner table; know the steps and people involved, how we depend on them and how they depend on us as consumers
- Understand the importance of individual action and character and explain how heroes from long ago and the recent past have made a difference in others' lives (from such biographies as those of Abraham Lincoln, Golda Meir, Jackie Robinson, Sally Ride)

Science

Life Science

Insects and Plants (Fall - early Winter)

- Include ocean animal (penguin research in January, endangered animals in Spring)
- Plants and animals have predictable life cycles

Earth Science

Pebbles, Sand, and Silt (Winter - early Spring)

- Include fossil study, touch on dinosaurs, endangered animals (report)
- Earth is made of materials that have distinct properties and provide resources for human activities.

Physical Science

- Balance and Motion: (Late Spring)
- The motion of objects can be observed and measured.

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Special Projects

Penguin Research Paper: Supports Science curriculum

- Done as a whole class project (January)
- Introduction to note taking from resources such as books, magazines, videos (DVD's) on the subject, recording in notebooks
- Work in cooperative groups to form sentences and paragraphs from notes, proofreading and editing their work
- Type the final copy in Computer class

Endangered Animal Report: Individual research paper, using the skills learned from the whole class research paper (Spring)

- Describe animal and characteristics
- Describe animal's habitat/environment
- Explain why animal is endangered, problems animal faces
- Explain what is being done to solve these problems and protect the animal from extinction
- Present on poster board, tri-fold presentation board, or in a folder, adding self-drawn pictures, graphs, pictures from Internet, or any other graphic presentations

Prop Book Reports: Monthly oral book report, start in January

- A short summary of recently read chapter book
- Provide a prop that relates to the book to help tell the story, and get others excited about reading the book

Oral Presentation: Supports Social Studies curriculum (Late spring)

- Dress and act as if you are an important person in history, someone who has made a difference in our lives
- Research and find at least 10 important facts about this person
- Accept constructive criticism from classmates about delivery

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