



Saint James School

4th Grade

Religion By the end of Grade 4, students will:

- Learn the Scripture Story of Creation.
- Understand that God is revealed through the Trinity.
- Understand the Beatitudes and the Ten Commandments.
- Recognize how we show our love for God by following the Ten Commandments
- Learn how Mary, Mother of Jesus, accepted God's will and understand the meaning of the Hail Mary.
- Identify ways to work for justice and peace in the world today.
- Learn the corporal and spiritual works of mercy
- Use Bible readings to reflect on God's forgiveness
- Name special gifts God has given us and how we are different and it makes us all unique.
- Explain ways Jesus Christ is present in the Mass

Understand the role of the family, as a vocation, in the Church.

Understand the vocations that lay people have at Church such as altar serving,

Sacristan, Eucharistic Minister, Music Minister, Lector, Usher, Catholic School teacher, etc.

Language Arts By the end of Grade 4, students will:

In Reading:

- Read independently to a level 40 on a Developmental Reading Assessment (DRA).
- Understands the difference between first and third person point of view (POV).
- Develop higher-level literal and inferential comprehension skills- summarizing, predicting, story mapping, character development and analysis, and conflict resolution
- Identify and demonstrate an understanding of inferential story elements- plot, setting, character traits and characterization
- Compare and classify information across texts.
- Apply knowledge of affixes to enhance decoding and comprehension skills.
- Highlight important information and/or evidence from a non-fiction text to support their answer.
- Apply reading skills to enhance use of multi-media technology
- Understand the correct meaning of multiple meaning words and homonyms.
- Read a variety of fiction such as historical fiction, realistic fiction, science fiction...
- Reflect on what is read and make connections to the world.
- Determine themes and central ideas of a text.
- Use non-fiction text elements to understand the text.
- Clarify the use of unknown words using context clues.
- Orally paraphrase portions of the text using vocabulary from the story.

- Understand and identify hyperbole, personification, similes and metaphors.
- Read the first four hundred words on the Rebecca Sitton list in context and in isolation.
- Stop at periodic points to check for understanding.
- Build reading stamina to forty minutes.
- Read thirty minutes a night.
- Students participate in all roles of a literature circle.

In Writing:

- Write for specific purpose (persuade, inform, entertain)
- Organize and develop ideas using multiple paragraphs with each paragraph having a topic sentence, sequence of sentences, adhering to the topic of the story, and the main idea of the paragraph.
- Create titles of stories.
- Write to present his/her point of view, pose questions, and record information
- Create a research report and project
- Vary sentence structure using simple and complex sentences. Add bold beginnings.
- Revise and edit own work for word choice, descriptive adjectives, details, clarity and coherence.
- Participate in peer evaluation making quality comments and kindly considering suggestions made by peers.
- Research using the internet not using unreliable sources such as Wikipedia.
- Write haikus and cinquains.
- Understand and use alliteration.
- Student maintains a writing portfolio.
- Maintain writing stamina to thirty minutes.
- Student publishes six pieces a year.
- Correctly spell the first two hundred and ten words on the Rebecca

Sitton List in context and in isolation.

- Complete the middle level of Syllables and Affixes stage of the Words Their Way Spelling Inventory
- Students begin to recognize ways to strengthen the writing of a peer and use comments from peers to improve own writing.

Spelling:

- Apply the doubling rule when spelling.
- Correctly form verbs with past and present tense
- Correctly use commonly confused words such as to, too, two and they're, there, their....

Grammar:

- begin to use compound sentences and create and use sentences of varying lengths
- identify and apply parts of speech (pronouns, adverbs, prepositions, articles (a, an, the).
- Understand abstract nouns.

Vocabulary:

- Introduce a word of the week and use correctly in writing.
- Understand and apply analogies,
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Mathematics By the end of Grade 4, students will:

- Identify and name place value to the hundred millions place.
- Round numbers through hundred thousand.
- Distinguish between a prime and a composite number.
- Understand order of operations without parentheses and exponents.
- Multiply a whole number of up to four digits by one digit.
- Multiply three digits by two digits.
- Know fact families in multiplication and division.
- Calculate the range, mean, median and mode.
- Draw factor trees.

- Calculate the least common multiple and greatest common factors.
- Can divide multi digit dividend by a one digit divisor with remainders using long division.
- Understand what remainders are in division.
- Understand divisibility rules of 2,3,5, and 10.
- Identify and continue a varying pattern.
- Identify and know all Roman Numerals.
- Solve a problem with an unknown variable for all operations.
- Solve multi-step word problems using a variety of strategies, understand which operation to use and label your answer.
- Memorize the 6,7,8,12 tables in multiplication.
- Calculate numbers to the second power.
- Demonstrate knowledge of both standard and metric units of measurement and convert between units.
- Add and subtract fractions with like denominators
- Simplify fractions to $\frac{1}{2}$ and $\frac{1}{4}$.
- Explore plane and space figures and their parts.
- Locate and plot points on a coordinate grid using ordered pairs.
- Calculate elapsed time.
- Know how to use calculators for all operations.

Science By the end of Grade 4, students will:

- Describe the Scientific Method and complete a simple lab report.
- Describe weather conditions and how weather is predicted and how the water cycle affects weather and describe how air masses, ocean currents and tides affect weather.

Describe how the position of the Earth in the solar system affects conditions on our planet (Atmosphere, Weather and the Water Cycle).

- Identify the make-up and the layers of earth's atmosphere.

Identify the layers of the ocean and the identify the plants animals found in each layer.

- Describe adaptations of animals and the role it plays in animal survival.

- Identify the kingdoms and classify animals.
- Describe how living things get energy and create a food web.

Explore the reasons why animals are endangered and the role humans play.

Define and identify different ecosystems.

Understand the difference between innate and learned behaviors.

- Define sound and light and explain how they travel, differ and how and affected by objects.

- Understand how animals use sound and light for survival, communication, protection, etc.

- Define energy sources such as batteries, static electricity and electric current and differentiate between them.

Identify different sources of energy such as solar, wind, water and where they might be used.

- Identify the six major nutrients in food (carbohydrates, protein, fat, water, minerals and vitamins).

Understand the different types of pollution (noise, water and air).

- Understand how to dress appropriately in God's world.

Social Studies By the end of Grade 4, students will:

- Understand the meaning of and celebrate Woman's History Month

Understand and practice good citizenship traits (compassion, tolerance, responsibility, trust, etc.).

Describe the purposes and functions of local and state government.

- Define and locate specific physical and manmade features and potential natural boundaries of regions

- locate and describe various climates and natural resources of the region

- compare and differentiate all regions of the United States

- know and locate cardinal and intermediate directions: hemispheres, continents, oceans, and major mountain ranges

- locate their own communities in relation to important geographical features

Identify and sequence the major events of Maine history.

Identify and understand symbols, counties, agriculture, historical figures, and other important information about the State of Maine.

- use and interpret various types of maps and graphs

Use lines of latitude and longitude to identify absolute and relative location on a map.

Describe ways we can protect the planet and God's people to preserve humankind.