

# Grade 4

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## Religion

- The Ten Commandments, God's laws of love, help us to love God and others
- Growing in Jesus Christ through understanding the Beatitudes, using our conscience, and asking for God's forgiveness
- Gospel stories which help students to develop a relationship with Jesus and connect their lives to His life and mission
- The study of Liturgy to facilitate their participation at the weekly School Mass
- Basic concepts of social justice to encourage students to reach out and build relationships of love and goodness
- We are called to Holiness and understand that Jesus is our model and knowing virtues of faith, hope, and love bring us closer to God

## Literature

- Identify main ideas (stated and unstated) and supporting details of a text.
- Analyze and interpret information read using comparing/contrasting, understanding author's purpose, cause and effect, make predictions or predict outcomes, and sequencing of events.
- Understanding the distinguishing features of literary and nonfiction texts; everyday print materials, poetry, drama, fantasies, fables, myths, legends, and fairy tales.
- Understanding figurative language used in a text such as similes, metaphors, idioms, personification, and hyperboles
- Form ideas about what has been read and use specific information from the text to support these ideas.

## English

- Identify standard mechanics and usage involving punctuation, parts of speech (verbs, nouns, pronouns, and adverbs), paragraph format (indentation, topic sentence, conclusion), spelling and complete sentences (simple, compound).
- Use a dictionary, thesaurus, or other reference book to determine meaning, usage, and pronunciation.
- Use a variety of strategies to determine the meaning of new words
- Write multi-paragraph compositions that develop a central idea in an expository format.
- Use graphic organizers and additional strategies (note taking, summarizing) to plan and write the composition
- Use the writing process (prewriting, drafting, revising, proofreading, publishing) to write a composition.
- Proofread writing to correct convention errors in mechanics, usage, punctuation, and using references (dictionaries, thesaurus) as needed.
- Compose a variety of writing; narrative, descriptive, expository, persuasive, and poetry.

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## Math

### Number Sense and Operations

- Know multiplication facts through 12 x 12, and use them to solve problems
- Add and subtract up to 6 digit numbers.
- Understand the use of decimals as they relate to money.
- Divide up to a 3 digit whole number with a single digit divisor.
- Round whole numbers through one hundred million (100,000,000)
- Multiply up to 3 digit by 2 digit numbers

### Patterns, Relations, and Algebra

- Use pictures, models, tables, charts, graphs, words, number sentences, and mathematical notations to interpret mathematical relationships.

### Measurement

- Identify time to one minute intervals, and compute elapsed time on analog and digital clocks using AM and PM
- Identify and use appropriate vocabulary and metric units and tools to measure length, area, volume, and temperature.

### Data Analysis, Statistics, and Probability

- Represent the possible outcomes for a simple probability situation.
- Collect and organize data, and identify appropriate ways to display data using pictographs, bar graphs, line graphs, surveys and line plots, and circle graphs.

### Social Studies

- Skills
- Latitude and Longitude
- Special Purpose Maps
- Graphing Skill Cause and Effect Skills
- Atlas Skills
- Time Lines
- Using Primary Sources
- Facts versus Opinion
- Comparing and Contrasting
- Regions and States
- New England Region
- Middle Atlantic Region

## Grade 4

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- Southeast Region
- Midwest and Great Plains Region
- Southwest Region
- Mountain West Region
- Pacific West Region
- New Hampshire State Curriculum Unit

### Science

- Technology, and the use of scientific tools
- Scientific method
- Classification of plants and animals
- Plant reproduction
- Inherited animal characteristics and response to the environment
- Ecosystems and how living things get energy; food chains, food webs,
- Fossils
- Classification of minerals and rocks
- Weathering, erosion and water cycles
- Star patterns change, the phases of the moon, how Earth moves, and what makes up the solar system.
- Mixtures, the properties and phases of matter,
- Identify different forms of energy; sound energy, light energy, and heat.
- Static electricity and magnetism,
- Measuring of speed and motion and speed
- Explore how objects in space affect one another, types of stars and constellations, what makes up the solar system, how Earth's rotation on its axis causes day and night, and the moon's phases.
- Measure and compare length, volume, mass, and temperature of objects
- Various forms of energy and how energy can change
- Interaction of light and matter
- Forces of motion: friction, gravity, and magnetism have on motion; and the difference between balanced and unbalanced forces.