

OUR LADY OF PEACE FIFTH GRADE CURRICULUM

Religion

The religion program focuses on spiritual formation. Through reciting daily prayer, planning, and assisting in liturgy and other forms of worship, engaging in dialogue with our priests and deacons, and participating in various service projects, students build a strong foundation in their faith. Catholic values are discussed and integrated not only in religion classes, but throughout the entire curricula. In fourth grade, focus is on:

- God, Jesus Christ, and the Holy Spirit
- Planning and assisting in liturgy and other forms of worship
- The Commandments and Beatitudes
- The sacraments
- Service
- Liturgical seasons
- Morality
- Church structure

Language Arts/Reading

Children experience authentic literature in a variety of genres. Some of these are: poetry, folktales, nonfiction, fiction, biographies, and fantasies. Reading fluency and comprehension develop and improve as Common Core State Standards are implemented. These standards include the following skills:

- Understand cause and effect
- Analyze and cite details
- Make inferences
- Sequence events of a story
- Interpret figurative language
- Understand literary devices
- Analyze theme, plot, characters and setting
- Analyze the structure of fiction and nonfiction writing
- Use details to determine an author's purpose and point of view
- Use context clues to recognize words and their meanings
- Recognize word roots and inflections

Mathematics

Fifth grade students acquire a knowledge of mathematics and the ability to apply math skills through the implementation of Common Core Standards. Students will:

- Write and interpret numerical expressions
- Analyze patterns and relationships
- Apply strategies to solve problems
- Understand the place value system
- Perform operations with multi digit whole numbers and with decimals to hundredths
- Use equivalent fractions as strategy to add and subtract fractions
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions

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- Convert like-measurement units within a given measurement system
- Represent and interpret data
- Determine and describe the probabilities of events
- Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition
- Graph points on the coordinate plane to solve real-world and mathematical problems
- Classify two-dimensional figures into categories based on their properties

Social Studies

The social studies curriculum prepares students for informed participation in world events. This comprehensive social studies program presents a mixture of history, geography, economics, citizenship, and culture. The fifth grade text explores themes that focus on:

- Geography/map skills
- The United States and Canada
- Latin America
- Europe
- Current events

Science

Students will follow Next Generation Science Standards (NGSS) and Science, Technology, Engineering and Mathematics (STEM), investigate with virtual labs and hands-on labs the following topics:

- Matter, compounds, mixtures
- Energy of organisms-effects of color pigments on plant growth
- Photosynthesis and how it ties with cellular respiration, impacts on earth, forces and ecosystems dynamics
- Creating our own creatures and creating their food web