

# Fifth Grade Curriculum

*Ss. Peter & Paul School*

## RELIGION

Fifth grade students are exposed to a variety of religious traditions and experiences. Students learn, pray, and discuss about their Catholic faith. Religion is an integral part of daily school life.

Students will focus on:

- The Blessed Trinity
- Planning liturgies
- The seven Sacraments
- The liturgical year
- The Ten Commandments
- The Beatitudes
- Sacramentals
- Traditional Catholic prayers including the Rosary, the Benediction, and scriptural meditation
- Family life
- Perform ten hours of service to others



## LANGUAGE ARTS

Students will study:

- Parts of speech and parts of the sentence
- Diagramming simple and compound sentences
- Capitalization and punctuation
- Using rules of grammar and the parts of speech correctly
- Writing for a variety of purposes – narrative, poetry, expository, compare/contrast, persuasive, descriptive, fiction/short story, opinion
- Integrating written and oral communication skills into all subject areas
- Vocabulary words and definitions each week

### Reading

Students will work on mastering the following skills:

- Graphic organizers as a method to organize thoughts and ideas
- Point of view
- Context clues
- Elements of the short story--setting, characters, plot, theme, outcome
- Time/order/place words
- Writing book reports
- Characterization
- Alphabetical order
- Questions and conjectures
- Comparing and contrasting

- Fact versus fiction
- Elaboration, giving background information and providing facts
- Definition of suspense
- Recognizing written dialogue
- Sensory description
- Figurative language
- Describing a process
- Reading a number of novels

## MATHEMATICS

Fifth grade students will extend their knowledge in math by continuing to develop their sense of number relationships in order to apply their skills to solve problems. They will use the text, manipulatives, technology and everyday situations.

Students will:

- Identify place value through the hundred thousands
- Identify decimal place value through the hundred thousandths
- Add, subtract, multiply, and divide fractions and decimals
- Compare and order fractions and decimals
- Use ratio, percent and probability
- Classify whole numbers as prime or composite
- Be introduced to the rules of divisibility
- Solve multi-step word problems using a variety of strategies
- Use estimation and rounding to solve word problems
- Find radius, diameter, area and circumference of a circle
- Identify and classify polygons
- Find area and perimeter of polygons
- Represent data on various types of graphs
- Explain in words strategies used to solve problems

## SCIENCE

Students will study:

- Scientific process (review and extension of the fourth grade introduction)
- Metric system (organization of system, units of measure, labels)
- Characteristics of living things (basic life processes, trait inheritance, mathematical probability, classification, five kingdoms, cells and organelles)
- Matter (mass of solids and liquids, density)
- Planning an experiment (thought process behind designing your own experiment)
- Solar system (parts of solar system, the sun and stars, astronomy)
- Motion and forces (kinds of forces and their effects on motion)
- Earth's resources (soil and water as resources, pollution, "RealField Experience at Morton Arboretum" trip)
- Compound microscope (parts, use, care)
- Use of charts and graphs in science

## SOCIAL STUDIES

Fifth Grade social studies students use the textbook *Horizons United States History* by Harcourt.

The fifth grade focus shall be on United States history including:

- Geography terms and atlas skills, regions, movement , location, place and human environment interactions
- Civics and government, current events will be stressed when appropriate
- Historical figures and events
- Economics, money systems with an emphasis on the United States
- United States' cultures and society
- Early Americans
- European explorers to the Americas
- New England, Middle Atlantic and Southern colonies
- American Revolutionary War
- Independence to a New Nation
- The Constitution
- The Three Branches of Government
- The Bill of Rights
- The Louisiana Purchase
- Age of Jackson

## FINE ARTS

### Art

All students will be taught the language of the arts through understanding the sensory elements and expressive qualities; understanding the similarities, distinctions and connections in and among the arts.

Through creating and performing all students will understand how works of art are produced. Students will learn about the processes, traditional tools and modern technologies used in the visual arts. Students will apply skills and knowledge necessary to create visual arts.

Students will understand the role of the arts in civilizations, past and present. Students will analyze how the arts function in history, society and everyday life. Students will understand how the arts shape and reflect history, society and everyday life.

### Music

All students will be given the opportunity to perform on stage in the school musical.

In fifth grade students will have the opportunity to perform in band concerts and march in parades.

In music class fifth grade students will:

- Play musical instruments in a group setting
- Read musical notes and symbols
- Learn more advanced music theory concepts
- Learn the history of patriotic music (form, rhythm, mood, dynamics, tempo, melody)
- Learn about patriotic composers
- Perform a historical patriotic performance

## SPANISH

The fifth grade Spanish students will attend weekly 45 minute classes and be able to:

- Recite the Hail Mary in Spanish
- Read, write and use basic vocabulary that deals with cognates, family, school, and animals
- Define and use definite and indefinite articles correctly and understand the concept of noun gender in foreign language

- Make nouns, articles, and adjectives plural
- Establish basic word order in sentence structure
- Describe nouns using adjective agreement
- Respond to basic greetings and commands in Spanish

## PROJECT EXPLORE

All fifth grade students will have the opportunity to develop critical thinking skills in a weekly 20 minute Project Explore session. The focus of activities will be:

- The furthering of intellectual curiosity by solving puzzles, riddles, and challenging mind games
- Higher level thinking skill problem-solving

## PHYSICAL EDUCATION

Students will:

- Demonstrate sportsmanship in all activities
- Expand on various movements, concepts and applications
- Continue skill development during individual and team sports and while using the Fitness Center

## TECHNOLOGY

Technology is incorporated with class curriculum and infused as a tool throughout. Teachers and students will use the ELMO and SMARTBoard for demonstrations and interactive learning. During fifth grade the students will be introduced to and master the following skills:

- Create an animation sequence from a series of screens and convert to a digitized movie
- Create an electronic timeline
- Save an updated spreadsheet to the network
- Use a spreadsheet to record information and create a simple database
- Incorporate graphics, pictures, and sound into a document
- Understand the basics of computer ethics and netiquette
- Understand the basics of Internet searching
- Use a hotlist to research and locate information using a graphic organizer to record answers
- Produce a presentation with buttons and multimedia effects
- Create a desktop published document



## HOMework

Fifth graders will be assigned homework as needed for practice and reinforcement as well as completion of special projects. On an average fifth grade students can expect 60 minutes of homework daily.