

Fifth Grade Curriculum

RELIGION

Fifth Grade Religion consists primarily of the study of the sacraments and the liturgical year. The students will examine the Old and New Testaments and the Catholic Church traditions in relation to the seven sacraments, the liturgy, and the importance of the communion of saints.

Students will:

- Examine the Bible stories that relate to baptism, eucharist, confirmation, evangelization, healing, and prayer
- Study the church prayers (Nicene and Apostles Creeds, Acts of Faith, Hope, and Love, Stations of the Cross, etc.)
- Study the various forms of Catholic worship (rosary, Eucharist, adoration prayer, healing services, etc.)
- Study the sacraments in depth, learning the form and the grace that is obtained in each sacrament
- Study the liturgical year in light of scripture readings and the celebration that is a witness to faith
- Study the Catholic Church (hierarchy, laity empowerment, Communion of Saints, living in covenant with God)
- Study Christian peace and justice values
- Study vocations
- Study family devotions: morning and evening prayers, perpetual adoration, and prayer space

LANGUAGE ARTS

READING & VOCABULARY

Students will:

- Draw upon a variety of strategies to comprehend, interpret, analyze, and evaluate what is read
- Identify literary elements such as character, setting, plot, style, dialogue, mood, and author's purpose
- Identify elements of poetry
- Use context clues to determine the meaning of unfamiliar or multiple-meaning words
- Use reference sources such as a dictionary and thesaurus and graphic aides
- Alphabetize to the third letter

WRITING

Students will:

- Apply a process approach to writing including brainstorming and organizing information
- Write for a variety of purposes including narrative, descriptive, persuasive, and expository paragraphs and poetry.
- Use relevant supporting details to enhance written work
- Use transition words to move from idea to idea
- Edit and revise for grammatical accuracy and to improve the final product
- Publish writings for purpose of sharing final product

GRAMMAR

Students will:

- Identify and correctly use the parts of speech
- Identify the four types of sentences and the correct punctuation for each type
- Edit material for proper usage such as complete sentences, correct punctuation and capitalization, subject-verb agreement, and pronoun-antecedent agreement

MATH

The 9 main areas of the math curriculum are:

- Patterns, relations, and functions
- Problem solving
- Numbers and number relations
- Whole number operations
- Geometry and spatial sense
- Pre-Algebra
- Measurement
- Estimation and mental computation
- Data analysis and probability

Students will:

- Investigate patterns formed by square numbers
- Determine the relationships between position of digits and powers of ten
- Formulate a process for problem-solving, identifying steps to be taken, and use a variety of methods to solve problems
- Read and write whole numbers to billions in standard, expanded form, and words
- Recognize prime and composite numbers
- Add, subtract, multiply, and divide whole numbers, decimals, and fractions
- Compare and order whole numbers, decimals and fractions
- Express and compute equivalent fractions and convert fractions to decimals
- Round numbers to nearest thousand, hundred, ten, unit, tenth, and hundredth
- Determine GCF and LCM of fractions
- Identify and illustrate basic geometric figures
- Recognize and identify parts and properties of circles
- Compare, contrast, and draw angles in relation to right angles

- Identify solid figures and relate to plane figures
- Solve for an unknown expressed in a simple equation
- Learn and apply standard order of operations
- Estimate, make and use measurements to describe and compare phenomena
- Select appropriate units and tools to measure to the degree of accuracy required in a particular situation
- Understand the structure and use of systems of measurement
- Develop, analyze and explain procedures for computation and techniques for estimation
- Collect, organize and describe data in a systematic way
- Construct, read and interpret tables, charts and graphs
- Make inferences and convincing arguments that are based on data analysis

SCIENCE

LIFE SCIENCE

Students will:

- Understand that cells are the basic unit of life
- Explore structures, functions and models of basic plant and animal cells
- Classify living organisms as those that need food, need water, dispose of wastes, etc.
- Explore the basic needs of living things and how environmental factors may necessitate adaptations
- Explore ecosystems, populations, habitats, niches, producers, consumers, food webs and chains and develop an understanding of how all are interdependent

EARTH SCIENCE

Students will:

- Explore the properties, composition and pollutants of air and atmosphere
- Explore weather, weather maps, weather predictions, atmospheric layers and cloud patterns
- Establish and monitor a weather station
- Examine the effects of hurricanes and know safety procedures for severe weather
- Examine mixtures, solvents, solutions, and solutes
- Explore land pollution, water pollution, and waste management procedures
- Design a project to identify uses of the earth's resources and ways to conserve and protect them

PHYSICAL SCIENCE

Students will:

- Explore physical and chemical properties and changes of matter
- Explore and be able to demonstrate forces and motion
- Study the application of electrical concepts

- Explore solar heat energy, light, pitch and sound waves

SOCIAL STUDIES

In fifth grade, the main focus of the curriculum is United States History. We also incorporate topics such as geography, economics, and culture as they relate to United States History.

Students will:

- Use geographical representations such as maps and globes
- Explore the impact of history for future generations
- Understand the government and its origins and functions, including civic life and politics
- Understand the role of the Constitution in American democracy
- Review contributions of explorers and colonization by the English in North America
- Describe the expansion of the United States including the Louisiana Purchase, the railroad, technological advances, and the Gold Rush
- Discuss slavery and its impact on the slaves themselves and on society as a whole
- Explain the reasons for and outcomes of America at war, focusing on the American Revolution, the War of 1812, the Civil War, World War I, World War II, and the Cold War
- Describe how mass immigration led to the growth and cultural diversity of the United States
- Describe how the rise of American labor created social and economic changes in the United States
- Explain the dignity of work and the rights of workers
- Explain how a bank works and why money is important to individuals, families, and communities
- Define unemployment and discuss its consequences
- Describe the relationship between supply and demand
- Explain the importance of education in preparing for the work force

ART

Students will:

- Develop the skills necessary for understanding and applying media, techniques, and processes of art
- Develop knowledge of the elements of art and principles of design
- Understand the visual arts in relation to history and cultures
- Appreciate the expression, subject matter, symbols, and ideas used in art
- Reflect upon and assess the merits of their work and the work of others
- Perceive the connection between art and other disciplines

COMPUTER

Students will:

- Use and understand basic computer related terms
- Be able to identify and demonstrate appropriate care for computer hardware components
- Use age appropriate educational software to reinforce skills
- Be able to create, format, edit and save a word processing document
- Gather useful information from Internet research
- Create a PowerPoint presentation to present to an audience

LIBRARY

In grade five, students learn the various types of reference materials—atlases, encyclopedias, dictionaries, maps—and the importance of the information obtained from them.

MUSIC

Students will:

- Read, write and play basic, traditional musical notation accurately and with a steady beat, use pitched and unpitched instruments as well as voices with use of appropriate vocal technique
- Improvise simple rhythmic variations and melodic embellishments
- Identify all basic musical forms visually and aurally and use appropriate terminology to explain musical elements and notation
- Dramatize a now extended portion of instrumental music with appropriate body movements, identifying emotional responses to prominent musical characteristics and portraying these physically, verbally
- Choose or compose music to accompany a dramatization, write a story to accompany a piece of instrumental music from various styles
- Apply specific and appropriate criteria when judging quality of performances, their own and those of others, accepting and using constructive suggestions for improvement
- Listen to and identify examples of music from various historical periods and world cultures, describe how the elements of music are used in these
- Sing and play in a group setting and in response to cues from a conductor
- Explain how the subject matter of other disciplines outside the arts interrelate with those of music
- Create theatrical improvisations, develop basic acting skills to portray characters, research and organize improvisations and scripted scenes, resulting in the performance of a short play or set of scenes

PHYSICAL EDUCATION

Students will:

- Learn to master locomotion skills
- Learn mature throwing and kicking skills
- Learn to work together
- Learn special awareness
- Learn jumping patterns and rhythm skills

- Learn to chase, flee and dodge
- Learn to use peripheral vision during activities
- Learn ball control and skills for certain sports
- Learn the difference between speed and agility