

ST. MICHAEL'S SCHOOL OVERVIEW OF FIFTH GRADE CURRICULUM

Religion (<i>We Believe Catholic Identity Series; We Meet Jesus in the Sacraments</i> , Sadlier)		
<i>Fifth graders will link their growing ability to think abstractly with the meaning of the sacraments as signs of God's love. Their innate concern for fairness helps them understand that God's love for all means that work for justice & peace is vital. We stress our solidarity with one another as Catholics - in families, parishes & the worldwide church.</i>		
Knowledge of Faith:	List the outward signs of each Sacrament & locate stories from Scripture (water, oil, manna) Retell events from Salvation history that form the basis of our sacramental life	
Liturgical Education:	Identify the two central parts of the Mass: Liturgy of the Word and Liturgy of the Eucharist Define the Sacraments of Initiation, Healing, & the Sacraments at the Service of Communion	
Moral Education:	Recognize that the grace we receive in the sacraments prepares our souls for eternal life Define Catholic Social Teachings and how living these teachings can reduce social sin	
Teaching to Pray:	Know the Liturgy of the Hours is comprised of Psalms from the Old Testament Know by heart and find references for the Joyful Mysteries	
Educating for the Life of the Church:	Explain how the sacraments tie us to the History of the Church; the Kingdom of God Identify the church as the Mystical Body of Christ on earth	
The Church's Missionary Life:	Demonstrate ways grace received in the sacraments help us witness our faith Define ecumenism as the call to Christian unity	
English Language Arts (<i>TCRWP, Heinemann; Vocabulary Workshop</i> , Sadlier; <i>No Red Ink</i> , Edmodo)		
<i>Fifth Grade students learn English Language Arts through a workshop model program that is based on the Common Core State Standards. Interactive reading and writing partnerships augmented by rich mentor texts engage students and help them develop a passion for literacy.</i>		
Reading:		
Determine a theme of a story, drama, or poem from details in the text; summarize the text		
Compare and contrast two or more characters, settings, or events in a story or drama; draw on specific details		
Determine the meaning of words & phrases used in a text, including figurative language (metaphors & similes)		
Describe how a narrator's or speaker's point of view influences how events are described		
Compare/contrast stories in the same genre on their approaches to similar themes and topics		
Writing:		
Write opinion pieces on topics or texts, supporting a point of view with reasons and information		
Write informative/explanatory texts to examine a topic and convey ideas and information clearly		
Write narratives to develop real or imagined experiences or events using descriptive details & a clear sequence		
Use teacher and peer feedback, revise and add details to strengthen writing as needed		
Use technology to produce and publish writing as well as to interact and collaborate with others		
Language Conventions:		
Explain the function of conjunctions, prepositions, and interjections, and their function in sentences		
Use verb tense to convey various times, sequences, states, and conditions		
Use punctuation to separate parts of a sentence		
Consult reference material to find the pronunciation and determine or clarify the precise meaning of key words		
Recognize and explain the meaning of common idioms, adages, and proverbs		
Speaking & Listening		
Engage in collaborative discussions with partners building on others' ideas & expressing their own clearly		
Summarize the points a speaker makes; explain how a claim is supported by reasons & evidence; identify fallacies		
Report on a topic or text, tell a story, or recount an experience speaking clearly at an understandable pace		
Units of Study:	Reading	Writing
Unit 1 - September/October	<i>Interpretation Book Clubs: Analyzing Theme</i>	<i>Personal Narrative</i>
Unit 2 - October/November	<i>Tackling Complexity: Non-Fiction</i>	<i>Feature Articles (Informational, If...Then)</i>
Unit 3 - November/December	<i>Argument and Advocacy</i>	<i>Research-Based Argument Essay</i>
Unit 4 - January/February	<i>Reading in the Content Area (Social Studies)</i>	<i>Writing Through the Lens of History</i>
Unit 5 - February/March	<i>Author Study</i>	<i>Literary Essay (If...Then)</i>
Unit 6 - April/May	<i>Fantasy Book Clubs</i>	<i>Fantasy Writing</i>
Unit 7 - May/June	<i>Poetry</i>	<i>Poetry</i>

Mathematics: (enVisionmath 2.0, Pearson)

Fifth Grade students acquire math skills through problem solving utilizing technology, & project-based learning. The Standards for Mathematical Practice are developed & connected to the Standards for Mathematical Content.

Mathematical Practices:

- Make sense of problems and persevere in solving them
- Reason abstractly and quantitatively
- Construct viable arguments and critique the reasoning of others
- Model with mathematics
- Use appropriate tools strategically
- Attend to precision
- Look for and make use of structure
- Look for and express regularity in repeated reasoning

Mathematical Content:**Operations and Algebraic Thinking**

- Write and interpret numerical expressions
- Analyze patterns and relationships

Number and Operations in Base Ten

- Understand the place value system
- Perform operations with multi-digit whole numbers and with decimals to hundredths

Number and Operations - Fractions

- Use equivalent fractions as a strategy to add and subtract fractions
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions

Measurement and Data

- Convert like measurement units within a given measurement system
- Represent and interpret data
- Understand concepts of volume and relate volume to multiplication and to addition

Geometry

- Graph points on the coordinate plane to solve real-world and mathematical problems
- Classify two-dimensional figures into categories based on their properties

Science: (Interactive Science, Pearson)

The St. Michael's School Fifth Grade Science Curriculum utilizes inquiry-based learning through labs and activities that support the framework of the Next Generation Science Standards.

Science and Engineering Practices:

- Ask questions and define problems: Specify qualitative relationships & what would happen if a variable changed
- Develop and use models to represent events and design solutions
- Plan and carry out investigations controlling variables & providing evidence to support explanations/solutions
- Analyze and interpret data through quantitative and qualitative approaches
- Use mathematics and computational thinking to measure & analyze data & compare alternative design solutions
- Construct explanations/design solutions: Use evidence to predict phenomena/develop multiple design solutions
- Engage in argument from evidence: Critique scientific explanations/solutions proposed by peers; Cite evidence
- Obtain, evaluate, and communicate information: Evaluate the merit and accuracy of ideas and methods

Crosscutting Concepts with Other Disciplines:

- Patterns; Cause and Effect; Scale, Proportion, and Quantity; Systems and System Models, Energy and Matter;
- Structure and Function; Stability and Change

Units of Study:

Unit 1	<i>The Nature of Science</i>	Unit 7	<i>The Water Cycle and Weather</i>
Unit 2	<i>Design and Function</i>	Unit 8	<i>Earth's Surface</i>
Unit 3	<i>Classifying Organisms</i>	Unit 9	<i>Earth and Space</i>
Unit 4	<i>Growth and Survival</i>	Unit 10	<i>Properties of Matter</i>
Unit 5	<i>Structure and Function</i>	Unit 11	<i>Forces and Motion</i>
Unit 6	<i>Ecosystems</i>	Unit 12	<i>Changing Forms of Energy</i>

Social Studies (U.S. History: The Early Years, Houghton Mifflin)

The St. Michael's School Fifth Grade Social Studies Curriculum follows the California History-Social Science Framework. The theme for Fifth Grade is United States History & Geography: Making A New Nation.

The Land and People before Columbus

Understand how geography, climate, and proximity to water affected the lives of the North American Indians, & how different groups of Indians organized into systems of governments and confederacies

Age of Exploration

Study the expeditions of early explorers; learn about the explorers' European origins, motivations, and journeys, and the enduring historical significance of their voyages to the Americas

Cooperation and Conflict in North America

Investigate the relationships between natives and Europeans; discover the role trade played

Settling the Colonies

Understand who moved to and settled in North America and why they chose to live where they did

The Road to War

Investigate why the colonists decided to rebel against Great Britain

The Development and Significance of the U.S. Constitution

Understand the significance of the Articles of Confederation, the Constitutional Convention, the Great Compromise, the Preamble to the Constitution, and the Bill of Rights

Life in the Young Republic

Discover who came to the U.S. in the early 19th century & how westward migration changed the country

Overview of Co-Curricular Content and Skills

Art	Physical Education
<p><i>Based on California Visual Arts Framework</i></p> <p>Identify & understand the differences in representational, abstract and non-representational art work</p> <p>Use perspective to create the illusion of space</p> <p>Create gesture & contour observational drawings in work supporting 5th grade SS explorers</p> <p>Demonstrate knowledge in digital imagery by creating a computer-generated drawing</p> <p>Assess works of art, including their own using specific criteria & vocabulary that demonstrates an understanding of skill and not opinion</p>	<p><i>Based on California Physical Education Content Standards</i></p> <p>Apply skills in games</p> <p>Use appropriate pacing for a variety of running distances</p> <p>Combine manipulative skills and traveling for execution to a target (soccer, frisbee, football, basketball)</p> <p>Apply basic offensive and defensive strategies and tactics in evasion and small-sided practice tasks</p> <p>Apply basic offensive and defensive strategies and tactics in net and small-sided practice tasks</p> <p>Engage in physical activity with responsible interpersonal behavior</p> <p>Describe social benefits gained from participating in PE</p>
Music (Instrumental or Vocal Music Option)	Technology
<p><i>Based on National Coalition for Core Arts Standards</i></p> <p>Read, write, and perform simple melodic notation in treble clef in major and minor keys</p> <p>Analyze the use of music elements in aural examples from various genres and cultures</p> <p>Compose, improvise, and perform basic rhythmic, melodic, and chordal patterns independently on classroom instruments (or instrument of choice)</p> <p>Develop and apply appropriate criteria to support personal preferences for specific musical works</p> <p>Sing & play music from diverse cultures/time periods</p> <p>Learn and perform songs at the Christmas Program</p> <p>Learn liturgical hymns and sing them at Mass</p>	<p><i>Based on the International Society for Technology in Education Standards (ISTE)</i></p> <p>Demonstrate sufficient command of keyboarding skills to type two pages at a single sitting</p> <p>Master keyboard test with 80% accuracy and 20 wpm</p> <p>Understand the importance of not sharing personal information online & proper digital citizenship</p> <p>Understand how to send, reply, & forward an email using proper email etiquette</p> <p>Login to Google classroom and access class assignments</p> <p>Create a presentation with graphics in Google Slides</p> <p>Write, edit, and save assignments in Google Docs</p> <p>Enter data in a spreadsheet; explain terms</p>
<p>Extra-Curricular Options for Grade 5: After-School Choir, After-School Sports (Basketball, Flag Football, Soccer, Volleyball), Art Club, Chess Club, Musical Theater (Fall and Spring), Spanish Club, STEM Club</p>	