

ST. MICHAEL'S SCHOOL OVERVIEW OF SECOND GRADE CURRICULUM

Religion (<i>We Believe Catholic Identity Series; Jesus Shares God's Life , Sadlier</i>)		
<i>This is an exciting year in the lives of Second Graders. Many are preparing to celebrate First Reconciliation and First Eucharist. They are curious about what is taking place at Mass and eager to participate more fully. Children at this age have increasing ability to share with others and are receptive to stories about ways to love.</i>		
Knowledge of Faith:	Retell stories of Jesus' birth, Last Supper, death, resurrection, and ascension Know that Jesus wants to be with us always and gives Himself to us in the Eucharist	
Liturgical Education:	Recognize the connection with the Last Supper and the celebration of Mass Define grace as a gift from God that helps each of us grow in holiness	
Moral Education:	Understand Eucharist offers us a great gift in fulfilling our desire to be close to God Identify conscience as God's gift to distinguish between right and wrong	
Teaching to Pray:	Experience the Rosary as a special prayer; use beads & pray the mysteries of Jesus' life Know Prayers by heart (Morning Offering, Act of Contrition)	
Educating for the Life of the Church:	Locate places where Jesus lived using a map of the Holy Land Identify that God's Holy Spirit lives in each person and inspires us to be holy	
The Church's Missionary Life:	Understand that we are all called by Baptism to participate in the mission of the Church Recognize and use personal gifts and talents to help others	
English Language Arts (<i>TCRWP, Heinemann; Foundations , Wilson Language; Mastering the Mechanics , Scholastic</i>)		
<i>Second 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:		
Ask & answer questions as <i>who, what, where, when, why,</i> and <i>how</i> to demonstrate understanding of text		
Describe how characters in a story respond to major events and challenges		
Describe overall structure of a story: how the beginning introduces the story & the ending concludes the action		
Acknowledge differences in the points of view of characters; speak in a different voice when reading aloud		
Compare and contrast two or more versions of the same story by different authors or from different cultures		
Writing:		
Opinion: Introduce topic, state opinion, supply reasons, use linking words, & provide a concluding statement		
Informative/Explanatory: Introduce topic, use facts/definitions to develop points, provide concluding statement		
Narrative: Recount an event, include details to describe actions, use transition words, and provide closure		
Use teacher and peer feedback, revise and add details to strengthen writing as needed		
Language Conventions:		
Use collective nouns, irregular plural nouns, and reflective pronouns		
Form and use the past tense of frequently occurring irregular verbs		
Use adjectives and adverbs, and choose between them depending on what is to be modified		
Produce, expand, and rearrange complete simple and compound sentences		
Use an apostrophe to form contractions and frequently occurring possessives		
Consult reference materials to check and correct spellings		
Listening & Speaking:		
Participate in collaborative conversations with peers and adults		
Tell a story or recount an experience with appropriate facts, speaking audibly in coherent sentences		
Give and follow three- and four-step oral directions		
Units of Study:	Reading	Writing
Unit 1 - September/October	<i>Second Grade Reading Growth Spurt</i>	<i>Personal Narrative: Lessons from the Masters</i>
Unit 2 - October/November	<i>Becoming Experts: Reading Non-Fiction</i>	<i>Information: Lab Reports & Science Books</i>
Unit 3 - November/December	<i>Bigger Books: Amp Up Reading Power</i>	<i>Information: How-To Guide for Non-Fiction</i>
Unit 4 - January/February	<i>Series Book Clubs</i>	<i>Opinion: Writing About Reading</i>
Unit 5 - March/April	<i>Poetry</i>	<i>Poetry: Big Thoughts in Small Packages</i>
Unit 6 - May/June	<i>Fairy Tales Around the World</i>	<i>Narrative: Fairy Tale Writing</i>

Mathematics: (*enVisionmath 2.0*, Pearson)

Second Grade students acquire math skills utilizing manipulatives, technology, and project-based learning. The Standards for Mathematical Practice are developed and 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

- Represent and solve problems involving addition and subtraction
- Add and subtract within 20
- Work with equal groups of objects to gain foundations for multiplication

Number and Operations in Base Ten

- Understand place value
- Use place value understanding and properties of operations to add and subtract

Measurement and Data

- Measure and estimate lengths in standard units
- Relate addition and subtraction to length
- Work with time and money
- Represent and interpret data

Geometry

- Reason with shapes and their attributes

Science: (*Full Option Science System*, Delta Education)

The St. Michael's School Second Grade Science Curriculum utilizes a hands-on and project-based learning approach following the framework of the Next Generation Science Standards.

Science and Engineering Practices:

- Ask questions and define problems: Ask simple descriptive questions that can be tested
- Develop and use models that represent concrete events or design solutions
- Plan and carry out investigations based on fair tests, which provide data to support
- Analyze and interpret data: Collect, record, and share observations
- Use mathematics and computational thinking as a means to define the natural world
- Construct explanations and design solutions: Use evidence-based accounts of natural phenomena
- Engage in argument from evidence: Compare ideas and representations about the world
- Obtain, evaluate, and communicate Information through observations and texts

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 Ecosystems: Interactions, Energy, and Dynamics
Biological Evolution: Unity and Diversity
- Unit 2 Earth's Systems: Processes that Shape the Earth
- Unit 3 Structure and Properties of Matter
- Unit 4 Engineering Design

Social Studies (*Neighborhoods*, Houghton Mifflin)

The St. Michael's School Second Grade Social Studies Curriculum follows the History-Social Science Framework adopted by the State of California in 2016. The theme for Second Grade is: *People Who Make A Difference.*

Families Today and in the Past

Develop a beginning sense of history through the study of the family

Geography and Mapping Skills: People, Places, and Environments

Describe the absolute and relative locations of people, places, and environments

Government Institutions and Practices

Develop their understanding of rules and laws, the role of government, and rights and responsibilities by considering the question, "How does government work?"

Economics: People Who Supply Our Goods and Services

Understand basic economic concepts of human wants, scarcity, and choice; the importance of specialization in work; the interdependence of consumers, producers, processors, and distributors in bringing food to market

Biographies: People Who Made a Difference

Understand that many people, ordinary and extraordinary, have contributed to their lives & made a difference

Understand the importance of individual action and character in their own life

Identify and discuss the skills and knowledge that helped these people achieve their goals

Cite textual evidence, write informational reports, and create presentations on these extraordinary people

Units of Study:

Unit 1	People & Places	Unit 3	Ways of Living	Unit 5	America's Past
Unit 2	Places Near and Far	Unit 4	People at Work	Unit 6	Our Government

Overview of Co-Curricular Content and Skills

<p>Art <i>Based on California Visual Arts Framework</i></p> <p>Demonstrate skill in the use of basic tools in art-making processes</p> <p>Demonstrate the use (mixing, cleaning, and application) of tempera paint</p> <p>Identify and understand the use of warm and cool colors in a painting</p> <p>Understand Bilateral symmetry; use it in a work of art</p> <p>Demonstrate knowledge of printmaking</p>	<p>Physical Education <i>Based on California Physical Education Framework</i></p> <p>Skip using a mature pattern</p> <p>Combine locomotor skills in general space to a rhythm</p> <p>Describe large-motor and/or manipulative physical activities outside physical education class</p> <p>Practice skills with minimal teacher prompting</p> <p>Recognize the value of "good health balance"</p>
<p>Music <i>Based on National Coalition for Core Arts Standards</i></p> <p>Read, write, and perform simple patterns of pitch using solfege</p> <p>Identify visually and aurally individual wind, string, brass, and percussion instruments used in music</p> <p>Improvise simple rhythmic and melodic accompaniments using voice and a variety of classroom instruments</p> <p>Create developmentally appropriate movements to express pitch, tempo, form, and dynamics</p> <p>Learn and perform songs at the Christmas Program</p> <p>Learn liturgical hymns and sing them at Mass</p>	<p>Technology <i>Based on the International Society for Technology in Education Standards (ISTE)</i></p> <p>Word Processing Highlight text, copy and paste text Proofread and edit writing (dictionary spell checker, grammar, thesaurus) Hold hands on home row and utilize Typing Pal program for keyboarding</p> <p>Spreadsheet Use MaxTools to create spreadsheet</p> <p>Multimedia Create a series of slides and organize them to present research (PP) Use painting & drawing tools to create & edit work</p> <p>Digital Literacy Make good choices through digital citizenship</p> <p>Coding Code at a beginning level</p>
<p>Extra-Curricular Options for Grade 2: After-School Sports (Soccer - Winter), Art Club, Chess Club, Musical Theater (Fall and Spring), Spanish Club, STEM Club</p>	