

# Saint Bartholomew School

## Fourth Grade Curriculum Guide



### Language Arts

#### Reading (Literature)

- Identify key details that support a story's meaning
- Determine the theme based on details from the text
- Create a summary of a story
- Describe a character, setting, or event in a story
- Determine the meaning of words and phrases
- Identify attributes of characters in mythology
- Explain an author's use of structural elements
- Distinguish between first and third person point of view in a story
- Make connections between a text and a visual or oral depiction of the text
- Compare themes and topics in stories, myths, and traditional literature from different cultures
- Know and apply grade-level phonics and read with sufficient accuracy and fluency

#### Reading (Informational Text)

- Identify key details that support a story's meaning
- Determine main ideas of a text
- Locate key details that support main ideas
- Create a summary
- Determine the meaning of words and phrases
- Explain cause, effect, and outcomes in historical or science texts
- Identify the structure of events and information in multiple texts
- Analyze information from first hand and second hand accounts
- Explain how visual, oral, or quantitative information contributes to a text's meaning
- Analyze an author's reasons and evidence
- Use info from two or more texts to explain a topic

#### Language

- Demonstrate command of English grammar
- Demonstrate command of the conventions of capitalization, punctuation, and spelling.
- Use knowledge of language and its conventions when writing, speaking, reading, or listening.
- Determine or clarify the meaning of unknown and multiple-meaning words or phrases
- Demonstrate understanding of figurative language, word relationships, and nuances.
- Acquire and use accurately grade-appropriate vocabulary.

#### Speaking & Listening

- Engage effectively in collaborative discussions with diverse partners
- Paraphrase parts of a text presented in diverse forms
- Identify a speaker's reasons and evidence
- Report on a topic or tell a story, using details and supporting main ideas
- Speak clearly and at an understandable pace
- Adapt speech to a variety of contexts and tasks.
- Add audio recordings and visual displays to presentations to enhance the development of ideas
- Use formal or informal English in appropriate contexts

#### Writing

- Write opinion pieces that support a point of view with reasons and information
- Write informative texts to examine a topic and convey information clearly
- Write narratives using effective technique, descriptive details, and clear event sequences.
- Produce writing appropriate to task, purpose, and audience
- Develop and strengthen writing as needed by planning, editing, and revising
- Use technology to produce and publish writing
- Conduct short research projects that build knowledge through investigation of a topic
- Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources
- Draw evidence from texts to support analysis, reflection, and research

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### Mathematics

#### Operations & Algebraic Thinking

- Use the four operations with whole numbers to solve problems
- Use equations with a letter standing for an unknown to represent multistep word problems
- Gain familiarity with factors and multiples
- Generate and analyze patterns

#### Geometry

- Draw points, lines, line segments, rays, angles, perpendicular lines, and parallel lines
- Classify two-dimensional figures based on their angles, parallel lines and perpendicular lines
- Identify right triangles and symmetric figures
- Draw lines of symmetry for a two-dimensional figure

#### Number & Operations in Base Ten

- Write multi-digit whole numbers using base-ten numerals
- Round multi-digit whole numbers to any place
- Add and subtract multi-digit whole numbers fluently
- Multiply two digit numbers and multiply a whole number of up to four digits by a one-digit whole number
- Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisor

#### Numbers & Operations - Fractions

- Extend understanding of fraction equivalence and ordering
- Join and separate parts of a whole when adding and subtracting fractions
- Add and subtract mixed numbers and multiply fractions by whole numbers
- Understand decimal notation for fractions and compare decimal fractions
- Solve word problems involving fractions and decimals

#### Measurement and Data

- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit
- Apply area and perimeter formulas to real life situations
- Represent and interpret data
- Understand concepts of angles and measure them

#### Mathematical Practices

- Make sense of problems
- Reason abstractly and quantitatively
- Critique the reasoning of others
- Model with mathematics
- Use tools strategically
- Use precision
- Look for and utilize structure
- Look for and express regularity

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### Science

#### Earth and Space Science

- Explain changes in the environment that humans can cause and when these can be hazardous
- Describe and explain slow and fast processes that occur on Earth's surface
- Describe locations where earthquakes and volcanoes occur and how they relate to processes and people
- Describe different cycles and the forces driving them (water cycle, rock cycle, etc.)

#### Physical Science

- Explore how chemical and physical properties of a substance can change
- Describe what happens when different substances are mixed together
- Identify the different states of matter and how a substance shifts between them
- Explore different ways heat is produced and how it is transferred

#### Life Science

- Describe how organisms adapt to their environment and how specific adaptations provide an advantage over other species
- Classify traits as inherited or learned
- Identify specific features of plants and animals that help them live in different environments

#### Engineering

- Identify a design problem and propose possible solutions
- Develop a plan and procedure to address a problem, identifying possible constraints
- Build and test a design prototype
- Assess and report on test results

#### Scientific Inquiry and Experimentation

- Formulate and ask questions on a specific science topic and outline ideas for steps to answer the questions
- Plan a simple investigation or experiment to answer a question
- Collect and organize data from an experimentation and display it using a variety of charts and graphs
- Use evidence from experimentation to develop explanations for experiment results
- Use numbers to describe and compare scientific objects and events
- Apply math skills when measuring, recording, and applying data
- Communicate ideas and findings in a variety of ways
- Explain what scientists might do if the results of an investigation turn out differently than expected

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### Social Studies

#### Economics

- Identify key aspects of America's economic system
- Describe different kinds of resources used by producers
- Understand the factors of economic decisions and how to make wise economic choices
- Describe interdependence and how Illinois and America fit into larger economic communities
- Identify the major aspects of Illinois' economy
- Describe ways that governments affect the economy, including taxation and government provided benefits
- Describe how the economy has changed over time

#### Government

- Understand the importance of key documents that make up the U.S. government
- Identify the three branches of government and their purposes
- Identify major rights and responsibilities of United States citizens
- Describe how the United States works with other countries
- Describe movements that led to different groups of people securing rights
- Identify key individuals in the political history of Illinois
- Describe significant political symbols and mottoes

#### Geography

- Read and interpret geographic information given on maps
- Locate and describe hemispheres, continents, countries, and oceans
- Describe the geography and climate of the different regions of the United States
- Describe how land use and populations can affect a region
- Describe how weather and climate impact a region and the people living there

#### Social Systems

- Understand the development of cultural traditions in the United States
- Understand the American ideals expressed in songs, poems, etc.
- Understand how people and governments can work together toward the common good
- Explore the cultures, achievements, and legends of Native Americans
- Describe rural and city life and the effects of different levels of population density

#### History

- Understand the difference between factual and fictional sources
- Analyze geographical and historical information expressed in literature
- Describe major inventors and inventions that led to major developments in United States history
- Identify individuals that advanced environmental conservation
- Describe the importance of agriculture and how it influenced settlement and social development
- Understand how important events in American history affected the growth of our country

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### Religion

#### Creed

- Name God as Trinity and distinguish the roles of the Holy Trinity
- Describe the faithfulness and love of God
- State the meaning of salvation, evil, and what it means to be holy and faithful

#### Sacraments

- Identify meaning of sacramental signs
- State sacraments of initiation
- Show an understanding of the Sacrament of Penance/Reconciliation
- Distinguish mortal sin from venial sin

#### Christian Prayer & Spirituality

- State that God is faithful and loving regardless of circumstance
- Identify and interpret different types of prayer
- Memorize brief quotations from Scripture
- Exhibit capacity for silent prayer

#### Catholic Church

- Identify the Catholic Church as the assembly of God's people
- Name the Pope as head of the Catholic Church and recognize the Church as hierarchical
- Identify part of the Nicene Creed that describes the church as holy and catholic

#### Sacred Scripture

- Identify the first five books of the Old Testament and important individuals described in those books
- Show an understanding of God's promises in these books

#### Liturgy

- Identify the Sabbath, holy days of the Church calendar, and other important periods of time
- Describe the relationship of the liturgical year with the life of Jesus Christ
- Identify the role of the acolyte in liturgies

#### Parish Life

- Identify parish, pastor, bishops, catechists, and stewardship as parts of the Church
- Recognize the Blessed Sacrament as the Real Presence of Christ in the parish church

#### Vocation

- Define discipleship and vocation
- Show understanding that vocations are ways to holiness in life
- Identify vocations in the Church

#### Ecumenism & Dialogue

- Distinguish between the Old & New Testament
- State the importance of respecting the religious beliefs of others
- Recognize the common links between Christianity, Judaism, and Islam

#### Christian Living

- Describe conscience and utilize tools to examine conscience
- Recognize free will and how we make choices
- State the Ten Commandments and name the Beatitudes and cardinal virtues
- Show understanding of sin & its consequences