

# **Fifth Grade Curriculum**

## ***Religion***

As a result of the study of God's Word, students will be able to understand that the message of the cross is the power of God, and that Christ is our salvation, our strength, and our message.

### **Students will:**

- Investigate God and His Word
- Explore worship and liturgy
- Explore the Sacrament of the Altar
- Explore the Sacrament of Holy Baptism
- Explore the Ten Commandments
- Investigate the Apostles' Creed and Articles
- Investigate Martin Luther and the Reformation
- Investigate Moses and the Exodus
- Be introduced to World Religions
- Attend weekly chapel services
- Memorize select Catechism and Bible selections
- Integrate the practice of their faith across all curricular areas
- Participate in the body of the church by cleaning the Sanctuary each week

## ***Language Arts***

### **Writing and Grammar:**

Students will be introduced to the Writing Process.

### **Students will:**

- Write for a variety of purposes – Narrative, Poetry, Expository, Compare/Contrast, Persuasive, and Descriptive
- Produce clear and coherent writing appropriate to task, purpose, and audience
- Conduct short research projects using several sources
- Draw evidence from literary or informational texts to support analysis/research  
In terms of format, demonstrate proper usage of *Step-Up-To-Writing*
- Produce well-structured multi-paragraph essays and summaries
- Demonstrate command of the conventions or Standard English grammar rules and usage when writing or speaking
- Master the eight parts of speech, sentence structure, and mechanics
- Integrate written and oral communication into all subject areas

### **Reading:**

Students will read a variety of genres and be introduced to more Nonfiction. Students will connect and expand their concepts to build a deeper understanding of literature and the world around them.

#### **Students will:**

- Utilize graphic organizers
- Master elements of the Short Story- Setting, Characters, Plot, Theme, and Outcome
- Recognize different genres of novels and author's purpose
- Recognize written dialogue, time/order/place words
- Utilize context clues in comprehension
- Develop a strong vocabulary
- Master figurative language – Simile, Metaphor, Personification, Onomatopoeia, Hyperbole, Alliteration, and Imagery
- Read novel studies and explore annotation
- Work in Literature Circles
- Develop higher level thinking skills
- Use inference and draw from personal experiences
- Summarize and blog on the classroom blog site

### **Listening and Speaking:**

Students will effectively work on comprehension and collaboration in a variety of settings.

#### **Students will:**

- Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher led) with diverse partners on *Grade 5 Topics and Texts*, building on others' ideas and expressing their own clearly
- Summarize orally on written text read alouds or information presented in diverse media and formats

### **Spelling:**

Students will explore the relationship of letters, patterns, and sounds for reading and spelling.

#### **Students will:**

- Master the spelling of high frequency words
- Apply essential rules for addition for suffixes and prefixes
- Visualize and remember words and their sequential letters
- Collect, analyze, sort, and contrast words, draw conclusions about spelling and usage

## Mathematics

Fifth Grade students will develop their knowledge in Math skills by utilizing a variety of methods, such as technology, manipulatives, experiences, and texts.

### Students will:

- Read, write, and identify place value in whole numbers and decimals to the billions and the thousandths place
- Round, compare, and order whole numbers and decimals to the billions and the thousandths place
- Compare integers, positive, and negative numbers
- Analyze and solve problems using mathematical skills and strategies
- Write and evaluate expressions
- Write and solve equations
- Use properties (Distributive, Commutative, Associative, and Zero) to solve equations
- Find mean, range, mode, and median of a set of data
- Convert between Customary Units of length, capacity, and weight
- Represent and interpret data in graphs and plots
- Determine combinations and find probability
- Write the prime factorization of a number and use rules for divisibility
- Find common factors, greatest common factors, common multiples, and least common multiples
- Relate fractions, decimals, and mixed number
- Add/subtract fractions and mixed numbers with like and unlike denominators
- Multiply/divide fractions, whole numbers, and mixed numbers by a fraction or mixed number
- Multiply/divide and estimate products of whole numbers and decimals
- Divide a decimal by a whole number, a whole number by a decimal, and a decimal by a decimal
- Identify basic geometric figures and their parts
- Identify congruent figures and figures with line and rotational symmetry
- Find the area and perimeter of a triangle/polygon/parallelogram
- Find the volume and surface area of space figures
- Graph integers on a coordinate plan
- Complete function tables and graph a line on a coordinate plane
- Transformations
- Use ratio, percent, and probability
- Use estimation and rounding to solve word problems
- Find radius, diameter, area, and circumference of a circle
- Explain, in words, strategies used to solve problems

- Complete algebraic expressions
- Connect Math to experiences

## **Science**

Fifth Grade students will investigate God's creation and understand the processes of scientific inquiry and technological design to investigate questions, conduct experiments, and solve problems.

### **Students will apply scientific inquiries to:**

- Explore and categorize organisms by their energy
- Investigate relationships in the environment
- Analyze action and reaction
- Distinguish the properties of matter
- Use evidence in text to form and refine question, prediction, and hypothesis
- Introduce concepts that explain planetary, interplanetary, and stellar characteristics and cycles
- Explore energy (sound, light, thermal, kinetic, potential, etc.)
- Explore constant, variable, and periodic motion
- Conduct scientific inquiry investigation
- Explore the patterns of change and stability at the microscopic and macroscopic levels of organisms
- Investigate Newton's three laws of motion
- Conduct inquiry lessons with Fourth Grade
- Investigate characteristics of living things (basic life processes, trait, classification, kingdoms, cells, and organelles)
- Compile data into charts, labs, tables, and graphs

## **Social Studies**

Fifth Grade students will investigate the geography and the early civilization of our country while becoming aware of how to be a responsible Christian citizen.

### **Students will investigate:**

- Geography terms and atlas skills
- How historians learn about the past
- Primary and secondary sources
- How Native Americans adapted and modified their environment
- European explorers to the Americas
- Northern, middle, and southern colonies
- Events leading up to the Revolutionary War
- Declaration of Independence
- Independence to a new nation

- The Constitution
- The Three Branches of Government
- The Bill of Rights

## ***Fine Arts***

### **Art:**

Students will improve fine motor skills through detailed drawing, painting, and sculpture.

#### **Students will:**

- Participate in Art class two periods per week
- Learn the history of Frank Lloyd Wright and Prairie style architecture
- Create art based on style of artist or culture and be able to discuss similarities with style and personal art supplies
- Reinforce proper care of art mediums, equipment, and personal art supplies
- Learn to work both collaboratively and independently on artwork
- Be introduced into figure drawing and drawing from life
- Develop artwork with a message

### **Music:**

Fifth Graders will learn songs and liturgical music to assist in leading the liturgy at BLCS.

#### **Students will:**

- Sing hymns from the Hymn of the Month curriculum
- Repeat sung rhythms on neutral syllables
- Identify and sing quarter and eighth notes in 6/8 time and half notes in 2/4 and 4/4 time
- Improvise the end of two-bar phrases using learned patterns from 2/4, 4/4, and 6/8 time
- Compose (write) phrases of music using patterns learned in 2/4, 4/4, and 6/8 time
- Learn more complex melodies on solfege that incorporate some chromatic language
- Listen to played or sung rhythms and echo them back
- Execute vocal warm-ups
- Learn songs, psalms, and liturgical music to assist in leading the liturgy at BLCS
- Perform at regularly scheduled church and chapel services throughout the school year, as well as perform at the Musical and School Christmas Program

### **Band (optional):**

#### **Students will:**

- Try playing a variety of instruments at the beginning of the school year

- Learn how to read basic music
- Be instructed as to how to properly hold and play the chosen instrument
- Participate in group technique classes
- Perform in multiple concerts at Bethany throughout the year

## **Spanish**

Students participate in the Language Stars Spanish Program once a week. They will focus on vocabulary such as colors, animals, greetings, etc. Students will also be able to comprehend and speak in small, complete sentences/questions.

## **Second Step**

Our school utilizes the Second Step program to introduce and develop social/emotional skills in students of all grades. These skills will help students to be successful in school and in life.

### **Students will:**

- Gain skills to help themselves learn, focus attention, listen carefully, and be assertive when asking for help with schoolwork
- Learn to identify and understand their own and others' feelings
- Learn how to take another's perspective and how to show compassion
- Learn specific skills for calming down when experiencing strong feelings, such as anxiety or anger
- Learn a process for solving problems with others in a positive way
- Understand what empathy is and how to demonstrate it to others in world.

## **Technology**

Technology is used in all curricular areas. Students will be comfortable completing assignments and taking assessments on the computer, as needed. Students in each grade will utilize a set of Chrome books. Teachers will use the Promethean Board for classroom instruction and interactive learning.

### **Students will:**

- Develop and master keyboarding skills using Typing.com
- Blog on the Fifth Grade Kidblog site
- Produce and edit on Microsoft Word
- Be introduced to Google Chrome
- Use Math Splash, Khan Academy, Reading Theory, etc. to supplement curriculum
- Understand Internet safety and ethics
- Understand the basics of Internet searching
- Master i-pad skills
- Introduction to Microsoft office skills

## ***Physical Education***

Physical Education is provided twice each week. At the end of the year, students participate in the Royal Run/Walk and Field Day activities. We begin the year with an introductory unit that establishes class environment, behavioral expectations and management/organizational protocols.

## ***Extra-Curricular Activities***

Fifth Graders are able to participate in Cross Country, Co-Ed Volleyball, Basketball, Cheerleading, Track, Spring Musical (every other year), Band, Schola Choir, and our After School STEM Program. In addition, our school conducts summer basketball camps.

### **Students will:**

- Learn body and spatial awareness
- Enhance their social and personal development
- Learn to cooperate, take turns and experience personal success through movement
- Be given substantial opportunities to actively engage in moving and learning sport, dance and fitness skills
- Learn the importance of being physically fit

## ***Field Trips and Service Projects***

Students in Fifth Grade will participate in a variety of educational field trips during the school year. Each field trip is designed so that students can easily make connections between the concepts they are learning in the classroom and the hands-on learning opportunities available in the field trip experience.

- Students will visit Jurica-Suchy Nature Museum in Lisle, Illinois. This trip provides a deeper understanding of the world's natural and cultural diversity through engaging exhibits and collections. It enhances the Science unit on Biology.
- A trip to Lizzadro's Museum of Lapidary Arts in Elmhurst, Illinois will be taken. This trip provides an understanding of the three groups of rocks, examples of minerals, and primary sources. It enhances the Earth Science unit.
- We will visit the Frank Lloyd Wright Home and Studio in Oak Park, Illinois. This trip provides a firsthand account of Frank Lloyd Wright's architecture, prairie design, and structure. It enhances the Art program and the study of art glass and prairie design.
- Students will go to Cantigny Park in Wheaton, Illinois. This trip provides an experience as they glimpse into the lifestyle of Colonel McCormick by visiting

his 1896 home. The First Division Museum allows students to walk through each of our country's wars and explore the history behind them. It enhances the Social Studies unit on history and the Revolutionary War.

- The class takes part in Sanctuary Crew Clean-Up. The Fifth Graders work weekly to straighten and make the supplies ready for Sunday services. They straighten hymnals, sharpen pencils, replenish cards, and take out garbage.

## ***Homework***

Fifth Grade students will be assigned homework, as needed, for practice and reinforcement of skills taught. They will have weekly vocabulary quizzes and memorization work. On average, Fifth Grade students can expect 50-60 minutes of homework daily.

## ***Parents Can Help By:***

- Providing a quiet environment for students to work
- Teaching students to plan for their week and upcoming projects; budget their time
- Providing needed supplies
- Reading the weekly newsletter, blog and checking through completed work
- Enforcing skills learned at school
- Communicating with the teacher, immediately, by phone or in person when a concern arises