

## **Fourth Grade**

### **Religion**

*Students will :*

- Identify and show appreciation for the Beatitudes and the Ten Commandments as guides for Christian living
- Show appreciation for the Incarnation of Jesus and the Paschal Mystery
- Act on the basis of accepting responsibility for their choices
- Express knowledge and understanding of right and wrong, sin, the meaning of conscience, and virtue
- Recognize that through the Sacrament of Reconciliation they are truly forgiven
- Respond to the Corporal and Spiritual Works of Mercy through actions and words
- Identify that by living holy lives they can experience the Kingdom of God at Mass

### **Language Arts**

*Goals :*

- Learn to communicate through writing and speaking.
- Write on a variety of topics.
- Read grade level instructional text
- Develop and apply grade level instructional vocabulary

*Students will :*

- Identify story elements
- Identify verb phrases, predicate adjectives, and coordinating conjunctions
- Write expository, persuasive, and personal narrative paragraphs
- Write using complex capitalization and punctuation, including comma usage and possessives
- Apply in-depth dictionary skills
- Apply research skills
- Demonstrate knowledge of internet research
- Identify similes and metaphors

### **Math**

*Students will :*

- *Counting and Comparing Numbers*
  - Use place value through hundred millions
  - Compare and order whole numbers through hundred millions
  - Round whole numbers through hundred millions
  - Compare money amounts of \$100 or less
  
- *Addition and Subtraction*
  - Add and subtract through ten thousand
  - Write and simplify numeric expressions, equations, and inequalities
  - Write and evaluate algebraic expressions
  - Write and solve 1-step equations involving addition and subtraction
  
- *Multiplication and Division*
  - Multiply four-digit numbers by one-digit numbers and estimate products
  - Multiply through 3-digit by 2-digit whole numbers
  - Divide through 4-digit dividends and 1-digit divisors
  - Demonstrate divisibility by 2, 5, or 10
  - Solve problems to find the average
  
- *Measurement*
  - Measure lengths to the nearest quarter-inch, centimeter, or millimeter
  - Solve problems involving positive and negative temperatures
  
- *Fractions and Decimals*
  - Find equivalent fractions
  - Write mixed numbers
  - Identify equivalencies between fractions and decimals
  - Add and subtract decimals through hundredths
  - Estimate decimal sums and differences
  
- *Graphs and Data*
  - Find the mean, median, and mode of data displayed on a line plot

- Read line graphs
- Locate and identify ordered pairs on a coordinate plane
- Write and locate integers on a number line
- *Geometry*
  - Identify parts of a circle

## **Science**

*Students will :*

- *Life Science*
  - Identify plant and animal cells and describe the function of each
  - Classify organisms and their environments
  - Compare / contrast the characteristics of vertebrates and invertebrates
  - Describe the function of the nervous system in the human body
  - Name four types of fungi and describe the characteristics of each - DASH
  - Explore in detail how the digestive system works
  - Describe physical properties of matter, buoyancy, mass, weight, and density
  - Identify metric units to measure length, calculate areas, and measure volume
  - Describe changes to Earth by glaciers, wind, and water
  - Explain cause and effect of earthquakes
  - Explain weather related terminology - DASH
  - Name four types of lightning
  - Describe and identify types of clouds
  - Define and explain effects of Acid Rain
  - Demonstrate appropriate safety procedures for use in the classroom and lab
  - Apply scientific method: observe, collect and organize data, ask questions, hypothesize, experiment and reach conclusions

## **Social Studies**

*Students will :*

- Explain the role of rivers in the development of the U.S.

- Describe the effect of climate on the economy and way of life in the Southeast
- Explain how coal is formed, mined, and used
- Describe the Cherokee culture and recognize how resettlement affected its culture
- Explain why colonists were dissatisfied with British rule
- Describe the major events of the Civil War and its aftermath
- Explain how the Northeast's climate contributes to its tourism
- Compare and contrast the methods and challenges of fishing
- Identify the causes and effects of the American Revolution
- Describe the life of immigrants going to New York from 1890-1914
- Describe the Midwest's geography
- Identify the Interior Plain's major crops
- Analyze the effects of the Midwest's climate on farms and people
- Compare and contrast transportation across the Midwest
- Describe how iron ore is mined and processed to create steel
- Analyze the conflict between the Lakota and settlers
- Explain why cities on the Great Lakes are good places for manufacturing
- Describe technological changes in farming methods
- Describe the geography and natural features of the Southwest
- Explain how the dust bowl came to be
- Describe how crude oil is located and refined
- Analyze the history of the Navajo
- Describe the life of a cowboy
- Describe logging methods and their effects on the environment
- Describe the geography and resources of Hawaii
- Analyze the impact of gold mining and growth of the West
- Identify pioneers in the fight for women's suffrage
- Identify landforms and natural resources of Missouri

- Identify state emblems (motto, flag, Great Seal, song, flower, tree, bird, musical instrument)
- Identify the eight border states of Missouri
- Describe the duties of a governor, lieutenant governor, auditor, secretary of state, and treasurer
- Identify famous Missourians
- Label a Missouri map with rivers, cities, parks, lakes, and places of interest
- Compare saving and financial investment
- Explain supply and demand

### **Library**

*Students will :*

- Demonstrate use of various reference materials including dictionaries, encyclopedias, almanacs, and atlases
- Locate the biography section in the library and understand that this section is shelved alphabetically by subject's name
- Understand the concept of skimming and by reading an encyclopedia article for specific information
- Locate a book on the library shelves using the call number
- Discriminate between specialized biographical materials such as collective biographies and autobiographies
- Become familiar with the ten major divisions of the Dewey Decimal System
- Become acquainted with many authors and their works
- Read various forms of literature including mystery, fantasy, science, historical, adventure, sports, realistic, and humorous
- Recommend the use of the public library

### **Physical Education**

*Students will :*

- Work cooperatively with a partner or small group
- Dribble and pass ball between partners
- Jump and land for height and distance
- Leap leading with either foot
- Participate in obstacle course going over, under, and around subjects
- Strike a ball with bat or paddle with consistency
- Perform fundamental skills of volleyball

- Kick, catch, and pass a football
- Play leadup games for various sports – basketball, volleyball, and soccer

## **Music**

*Students will :*

- Read repeated tones, steps, skips
- Identify and use minor keys
- Read 4/4 and 2/4 time
- Read combinations of 8th and 16th notes
- Read syncopation
- Read dotted rhythm
- Identify augmentation
- Change vocal tone color
- Identify changes in dynamics, tempo
- Identify different accompaniment textures (i.e. ostinato, canon)
- Sing competently and confidently in worship assemblies
- Perform in groups, blending, matching dynamics levels and responding to direction of conductor
- Use standard symbols to notate meter, pitch, and dynamics
- Demonstrate appropriate audience behavior

## **Art**

*Students will :*

- Show use of much decoration and detail
- Use more detailed form – two-dimensional and three-dimensional
- Identify balance
- Mix colors for variety

## **Computer**

*Students will :*

- Use Microsoft Word

- Use highlight, cut, copy and paste in Microsoft Word
- Differentiate between Save and Save As in Microsoft Word
- Change fonts and styles in Microsoft Word
- Print using Microsoft Word
- Use the Keyboard with correct hand position – (i.e. type with hand covered)
- Discover Microsoft Word and worksheet terminology
- Discover how to manipulate and format numbers inside cells in Microsoft Excel
- Use Microsoft Word to save and sort information located during Internet searches
- Utilize Internet and email etiquette using Gaggle