

## Grade Four Curriculum

### Language Arts

#### Grade Level Goals:

##### Capitalization and Punctuation

Students will:

1. Use correct capitalization when writing.
2. Use commas and quotation marks in dialogue and quotations from a text.
3. Use a comma properly in a compound sentence.

##### Grammatical Structures

Students will:

1. Use relative pronouns.
2. Form and use progressive verb tenses.
3. Use helping verbs.
4. Use sentences with compound subjects and compound predicates in written work.

##### Parts of Speech

Students will:

1. Use parts of speech listed in grades K through 3 curricula in written work.
2. Form and use prepositions in written work.

##### Listening Skills

Students will:

1. Listen for tone, mood and emotion of verbal and non-verbal communication.
2. Paraphrase parts of a text that is read aloud or information presented through a variety of media.
3. Support answers with evidence from the text or presentation.

##### Vocabulary

##### Spelling

Students will:

1. Spell words based on fourth grade reading and content.

##### Acquisition

Students will:

## Grade Four

1. Identify meanings of unknown words acquired through listening to, reading and discussing fourth grade content.
2. Identify affixes and explain how they affect word meaning.
3. Explore word relationships, including analogies.

### Literature

#### Literary Techniques

Students will:

1. Explain the meaning of similes and metaphors within text.
2. Identify personification.
3. Recognize common idioms, adages, and proverbs.

#### Literary Elements

Students will:

1. Use details from grade level texts to identify story elements including theme.
2. Apply writing skills summarizing stories in the form of monthly book reports.

#### Comprehension Skills

Students will:

1. Apply comprehension skills listed in the K – 3 curricula to analyze grade level text.

#### Literary Genres

Students will:

1. Identify the difference between poems, drama and prose referring to the structural elements.

#### Informational Text

##### Text Structure

Students will:

1. Identify the overall structure of how a text is written (chronology, comparison, cause and effect, problem and solution).
2. Interpret information provided by timelines, animations and interactive elements on webpages.

#### Comprehension Skills

Students will:

1. Use the main ideas and supporting details to summarize a text.
2. Draw inferences using specific information from the text.
3. Distinguish between fact and opinion.
4. Compare and contrast primary and secondary sources.

## Grade Four

### Vocabulary Skills

Students will:

1. Identify and define academic and subject specific words and phrases in a text relevant to fourth grade.

### Speaking Skills

Students will:

1. Deliver a presentation with appropriate facts and details.
2. Select and use public speaking techniques such as rate, pace and enunciation.

### Research Process and Reference Skills

Students will:

1. Generate a list of key words or phrases to investigate a topic.
2. Revise, with assistance, focus questions and/or keywords as information is gathered.
3. Record information gathered from a variety of sources with assistance.
4. Identify, with assistance, whether a source is primary or secondary.
5. Produce a list of sources used in research.

### Writing

#### Writing Process

Students will:

1. Prewrite, draft, revise for word choice, proofread, and publish independently to develop fluency.
2. Write poetry, persuasive, expository, and explanatory paragraphs.

#### Sentence

Students will:

1. Recognize and correct sentence fragments and run-ons.

#### Essay

Students will:

1. Write a multi- paragraph narrative, descriptive, persuasive, and expository essay using logical sequencing with an awareness of audience.
2. Recognize when to use formal writing versus informal writing.
3. Compose arguments to support a position on a topic or text using valid reasoning from a variety of sources.

## Math

### Grade Level Goals:

#### Operations and Algebraic Thinking

Students will:

1. Use the four operations to solve problems involving whole numbers.
2. Solve multistep word problems with whole numbers using the four operations.
3. Find all factor pairs for a whole number in the range 1-100.
4. Determine whether a given whole number in the range 1-100 is a multiple of a given one-digit number.
5. Recognize prime and composite numbers between 1-100.
6. Construct and analyze patterns with numbers and shapes.

#### Number and Operations in Base Ten

Students will:

1. Recognize the relationship between digits according to their place values.
2. Read, write, and compare multi-digit whole numbers using base ten numerals and expanded form.
3. Use place value understanding to round multi-digit whole numbers to any place.
4. Fluently add and subtract multi-digit whole numbers.
5. Multiply a whole number of up to four digits by a one or two-digit whole number.
6. Divide up to four digit dividends by one or two digit divisors.

#### Numbers and Operations

##### Fractions

Students will:

1. Recognize, write and explain equivalent fractions.
2. Compare two fractions with different numerators and denominators.
3. Solve equations and word problems involving addition and subtraction of fractions with like denominators.
4. Add and subtract mixed numbers with like denominators.
5. Multiply a fraction by a whole number.
6. Use and compare decimal notation for fractions with denominators of 10 or 100.

#### Measurement and Data

Students will:

1. Convert measurement units for length, mass, volume and time in metric and standard form.
2. Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, mass, and money with whole numbers, fractions, and decimals.
3. Apply the area and perimeter formulas for rectangles in real world and mathematical problems.

## Grade Four

4. Create and use a line plot to solve addition and subtraction of fractions.
5. Recognize angles as geometric shapes formed when two rays share a common endpoint.
6. Measure and draw angles in whole-number degrees using a protractor.
7. Recognize that the angle measure of the whole is the sum of the angle measures of the parts.

## Geometry

Students will:

1. Draw points, lines, line segments, rays, angles and perpendicular and parallel lines. Identify these in two-dimensional figures.
2. Classify various two-dimensional figures based on the properties of their lines and angles.
3. Recognize and draw lines of symmetry for a two-dimensional figure.

## Extended Goals

Students will:

1. Organize and compare data using graphs, tables and charts
2. Calculate mean, median, and mode for a given set of numbers

Grade Four

## Science

Grade Level Goals:

Students will:

1. Classify living things and animal and plant growth adaptation.
2. Identify properties of matter, energy, electricity, sound, and motion.
3. Examine rock, minerals, and fossils.
4. Understand the relationship between earth and other planets.
5. Understand weather patterns and identify the characteristics of ecosystems.
6. Identify the systems of the body.

Grade Level Content:

1. Classifying living things
2. Animal and plant growth adaptation
3. Human body systems
4. Ecosystems and natural resources
5. Earthquakes and volcanoes
6. Rocks, minerals, and fossils
7. Weather conditions
8. Planets in space
9. Properties of matter
10. Energy and electricity
11. Weathering and erosion
12. Scientific method (observations, inferences, hypothesis, procedure, indent variable, conclusion)

## Social Studies

### Grade Level Goals:

#### Students will:

1. Identify the location of the fifty states of the United States.
2. Match states with their capitals and state abbreviations.
3. Identify major U.S. cities, waterways, and natural land formations.
4. Be introduced to National landmarks
5. Interpret maps and globes by using latitude, longitude, cardinal and intermediate directions.
6. Discuss the regions by understanding the unique contribution of natural and human resources.
7. Understand how the history created each region's uniqueness (including important historical people who played a part in its settlement).
8. Learn how the U.S. relates to Global Communities.

### Grade Level Content:

1. Map skills
2. General geography of the United States
3. The Northeast States
4. The Southern States
5. The Midwest States
6. The Western States
7. World geography in comparison to U.S.
8. State landmarks
9. Missouri history

## Religion

### Grade Level Goals:

#### Students will:

1. Identify the Creed as the expression of their faith.
2. Demonstrate knowledge and understanding of the Laws of Love, the Beatitudes, and the Ten Commandments as guides for Christian living.
3. Identify the Laws (Precepts) of the Church.
4. Demonstrate ability to locate books, chapters and verses in the Bible.
5. Identify parts of the Mass and seasons of the Church Year.
6. Identify the Spiritual and Corporal Works of Mercy and respond to them through actions and words.
7. Increase their appreciation of the Sacraments as celebrations of God's saving work among us.

### Grade Level Content:

1. Ten Commandments / Morality
2. Old and New Testament
3. Precepts of the Church
4. Beatitudes
5. Saints, Mary: Assumption, Immaculate Conception
6. Liturgical Seasons
7. Mysteries of the Rosary
8. Sacraments
9. Participation/planning liturgies
10. Corporal and spiritual works of mercy
11. Sin: Venial/Mortal, Personal/Social
12. Pentecost as the coming of the Spirit and the Birthday of the Church
13. Prayers Introduced: Nicene Creed, Hail Holy Queen