



## GRADE 8 CURRICULUM GUIDE

### READING

#### Goal Priorities

Students will...

- Use vocabulary skills
- Demonstrate comprehension for written material
- Distinguish between and read various types of literature
- Apply comprehension skills
- Participate in oral reading
- Obtain, organize, and summarize information
- Complete research related to the novels

#### Content Priorities: Knowledge/skills/values

- Literary Tools: cause and effect, characterization, climax, sequence, compare and contrast, conflict, details, foreshadowing, generalizations, inferring, main idea, plot, prediction, setting, summarizing, fact and opinion
- Read different genres: fiction, non-fiction, biography, auto-biography, poetry, mystery, drama, historical fiction, science fiction, and novels
- Recall events, interpret meaning, and extend meaning into own experience
- Reports using reference material
- Use technology for reference, presentations, and essays

### LANGUAGE ARTS

#### Goal Priorities

Students will...

- Distinguish between the eight parts of speech
- Use the rules for capitalization and punctuation
- Engage in composition (descriptive, narrative, expository, persuasive).
- Edit work using proper mechanics of writing
- Practice the art of study skills
- Use technology for writing and editing

*Unified in Faith and Tradition*

LANGUAGE ARTS (Continued) –

**Content priorities: Knowledge/skills/values**

Identify and correctly use: concrete, abstract, and collective nouns, transitive and intransitive verbs, progressive and perfect tenses, pronoun antecedents, possessive/indefinite, reflexive/intensive, interrogative pronouns, comparative/superlative, adjectives and adverbs, prepositional phrases used as adjectives or adverbs, clauses, and phrases

Use subject/verb agreement with collective nouns, indefinite pronouns, and compound subjects

Apply the writing process (pre-write, draft, revise, edit, present) to all compositions

Demonstrate capitalization and punctuation rules (commas, semicolons, colons, hyphens, parentheses)

Outline main ideas and details when note taking and summarizing

Essays, narratives, descriptive, poetry including figurative language, letter, and expository writing

**MATH**

**Goal Priorities**

Students will...

Know and apply geometric formulas for perimeter, circumference, area, and volume from stated dimensions and from figures

Find mean by using a calculator for data from a frequency table and by using built-in functions on the calculator

Read and work with data from various types of graphs

Solve simple and multi-step equations: solve multi-step equations with a variable on both sides; set up such equations from word problems.

Find discounts and simple interest from percents with tenth's place and with fractions

Graph linear equations by plotting points, or using slope and intercept

Add, subtract, and multiply monomials and polynomials and divide monomials, laws for exponents; write large and small numbers in scientific notation

**Content Priorities: Knowledge/skills/values**

Geometry (one, two and three-dimensional shapes)

Statistics (analyze data with mean and graphing)

Algebra: solving problem situations with equations

Algebra: understanding Cartesian coordinates

Algebraic methods for variable expressions with exponents

**RELIGION**

**Goal Priorities**

Students will...

Choose to commit themselves to membership in the Catholic Church especially through the sacrament of Confirmation

Name and describe the seven sacraments

Presentation on the saint chosen as Confirmation name

Apply knowledge of Catholic teachings to moral decision making

Share their time, talent and treasure in service to the community, church, home and school

Demonstrate knowledge and understanding of the Holy Spirit and his gifts

Participate in liturgy and worship services

Know the basic teachings of our Faith

### RELIGION (Continued) –

#### **Content Priorities: knowledge/skills/values**

Chosen: Your Journey Toward Confirmation series

Finding God series

Sacrament activities

Making informed moral choices, sources for moral values, respect for life

Christian Service

Symbols, gospels, wisdom, understanding, right judgment, knowledge, courage, reverence, wonder and awe

Prayer services, Stations of the Cross, school liturgies, Ribbon Mass, Confirmation

The Ten Commandments, Seven Sacraments, Holy Days of Obligation, Four marks of the Church

Gospels and Letters

## SCIENCE

### **Goal Priorities**

Students will...

Continue the study of biology

Achieve a basic understanding of cellular respiration and photosynthesis

Continue to understand the five kingdoms of life through study of the organisms' anatomy, physiology and life habits

Obtain a basic understanding of the principles of ecology

Be introduced to the basic principles of Mendelian Genetics and human genetics. Embryonic development, if time allows

Continue to develop math skills, ie. Metric, construction and interpretation of data tables and graphs.

Continue to develop understanding and use of the scientific method as it is applied to the lab

Learn the proper use and care of laboratory equipment

Review and critique scientific material

## SOCIAL STUDIES

### **Goal Priorities**

Students will...

Apply outlining or summarizing note –taking strategies within the class

Explore Manifest Destiny and use map to explore the routes West

Create a presentation to show the effects of slavery on minorities

Participate in activities that bring the content alive

Identify and analyze the factors that lead to the Civil War

Report on the major industrial leaders of the early 1900's

Research the causes of World War I

Explain the factors that lead to the Great Depression

Create a display of the factors the lead to World War II

Apply current event to the United States

### **Content Priorities: knowledge/skills/values**

Jacksonian Era

Manifest Destiny

Antebellum United States

War between the States

### SOCIAL STUDIES (Continued) –

- Industrialization of the American Economy
- The Great War
- The Roarin' Twenties
- The Great Depression and Roosevelt's New Deal
- World War II and the aftermath
- The United States involvement in Current Events
- Countries and Capitals of the World

## TECHNOLOGY

### Goal Priorities

- Students will:
- Use Power Point and Google Suite
- Demonstrate research skills using internet
- Engage in SMARTBoard activities
- Use Microsoft programs and Google classroom

### Content Priorities

- Create presentations that demonstrate slide design, transitions, and animations
- Create movies that include video clips, photos, animations, and visual effects
- Research various topics
- Manipulate SMARTboard features
- Compose written work