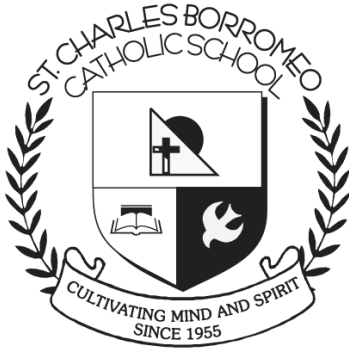


CURRICULUM STANDARDS

GRADE

7



St. Charles Borromeo Catholic School uses both the Diocesan and the Florida Sunshine State's Curriculum Standards as a basis of its curriculum. The seventh grade curriculum standards are as follows:

LANGUAGE ARTS

Reading and Literature - Students will

- Set reading goals, respond to text and check understanding through association, visualization, questioning, prediction and interpretation
- Use context clues, decoding skills and dictionary skills to clarify unfamiliar passages
- Comprehensively study several types of literature including the novel, poetry, short story drama and nonfiction
- Use literature as an avenue to multi-cultural understanding
- Define terms important to the study, understanding and discussions of literature
- Respond to specific, individual literary selections through analysis, criticism, initiative, original works and commentary

Writing - Students will

- Plan and set writing goals
- Use reading skills to improve writing
- Respond in writing to specific, individual literary selections through analysis, criticism, initiative, original works and commentary
- Learn a variety of writing forms including expressive, persuasive, narrative, descriptive and expository
- Write poetry, short stories and short essays
- Write creatively using appropriate connotation of vocabulary and figurative language
- Use revision techniques that include rereading and reorganization
- Compose research reports requiring multiple sources of information
- Build vocabulary to include words most often found on college entrance examinations
- Recognize and spell regular and irregular plurals, compound words, contractions, homophones, synonyms and antonyms
- Use knowledge of roots, prefixes and suffixes to improve vocabulary and spelling
- Use sentence context and analogies to clarify precise definitions

- Identify parts of speech in sentences and use possessive nouns and pronouns, prepositions and prepositional phrases and verb tenses correctly
- Identify complete and incomplete sentences and subject and predicate parts of sentences
- Use proper capitalization in sentences, clauses and phrases
- Use periods, commas, dashes, ellipses, quotation marks and parentheses correctly
- Become proficient in paragraph building, transition, and organization for readability
- Use rubrics to revise written work for both self and others

Study and Research Skills - Students will

- Formulate research questions and conjectures
- Select and narrow a topic to research
- Use parts of a book, dictionaries or glossaries, encyclopedias, maps, globes, atlases, primary sources, online and CD-Rom reference materials and card catalogs (including electronic catalog systems) appropriately
- Choose appropriate sources for particular information
- Use proper interviewing techniques
- Develop note taking, outlining, organizational, and time management skills
- Make an annotated bibliography
- Present research summaries and reports orally, word processed and in handwritten form

SOCIAL STUDIES

History and Geography - Through a Study of World Cultures, Students will

- Compare and contrast past and present forms of government and economic systems
- Discover that events in other times and places have affected and can affect their lives
- Identify significant world leaders and issues
- Learn ways the earth's physical features affect human activity and identify ways human activity has changed the earth
- Develop an understanding of the changing relationships among people, places and environments over time
- Compare and contrast American culture with other world cultures
- Understand the value inherent in all cultures

Citizenship - Students will

- Recognize the importance of accepting responsibility for personal actions and the consequences of choices
- Understand the advantages to working with others to conduct research and solve problems
- Identify the advantages of living in a democratic society
- Practice peaceful conflict resolution

Skills and Critical Thinking - Students will

- Read, use and construct a variety of graphs, charts, tables, timelines and maps to organize and communicate information
- Draw and label maps of regions, counties, continents, bodies of water, landforms, political borders, capitals and important cities
- Identify problems and search for appropriate possible solutions
- Research, evaluate, apply and synthesize information
- Make informed responsible choices

MATHEMATICS

Numbers and Number Theory - Students will

- Count, read, write, compare and order whole, decimal and fractional numbers
- Read and write powers of 10 as exponents and use exponents to express a number as a product of prime factors
- Write whole and decimal numbers in expanded notation
- Round numbers to any designated or appropriate place, including decimal places
- Find and use factor pairs, common factors, reciprocals, multiples, common denominators, prime and composite numbers as they relate to operations with fractions
- Convert decimal numbers to fractions and fractions to decimal numbers
- Find the percent one number is of another and express percents as fractions or decimal numbers
- Recognize relationships between and among numerical operations
- Recognize and use multiples, squared numbers, cubed numbers, proportions, percents and ratios in whole number, decimal and fraction operations
- Use a calculator to perform and/or check calculations

Problem Solving - Through reasoning, estimation and mental math, Students will

- Employ various strategies to understand, estimate and determine sums, differences, products and quotients

- Analyze multi-step problems, identify questions, determine necessary and unnecessary information, plan solution strategies, sort, compare, classify objects and information, and solve the problems
- Determine probability and express probabilities as ratios
- Generalize, predict and justify predictions
- Recognize the effect of altering conditions upon solutions

Measurement - Students will

- Calculate time through time zones and perform numerical operations using time
- Measure and compare height, length, weight, and capacity using standard, non-standard, customary and metric units to express area, perimeter and volume

Algebra and Geometry- Students will

- Recognize, apply, and identify commutative, associative and distributive properties
- Solve equations and inequalities
- Simplify polynomials, classify and evaluate algebraic expressions, perform operations with polynomials and signed rational numbers
- Use proportions to solve equations involving formulas
- Identify and use factors, functions and rules to solve problems
- Identify and construct plane and space figures with their component lines and angles
- Compare and contrast congruent, similar and symmetrical figures
- Find area, circumference, arc, radius and diameter of circles
- Find area, perimeter, angles and heights of polygons

SCIENCE

Life Science - Students will

- Explore various plant structures, animal organs and their functions
- Compare and contrast diverse forms of life as a function of adaptation
- Learn proper dissection techniques
- Distinguish between hereditary and environmental characteristics
- Discuss and explore animal behavior theories
- Classify plants and animals according to accepted practices
- Learn about interdependent animal and plant populations, resources and environments

- Explore how the water cycle affects living organisms
- Learn how the weather and seasonal change affect the growth and reproduction of plants and animals
- Learn about the role of evolution in health issues
- Learn the various structures and functions of the human body
- Be able to explain human reproduction and heredity
- Understand the role of personal decision-making in good health

The Nature of Science - Students will

- Measure, record, analyze, chart and graph data, make and communicate predictions
- Learn and apply principles of scientific method by participating in a school science fair under International Science and Engineering Fair Guidelines -or-
- Research a topic of general scientific interest and write an original report of scientific findings

RELIGION

Belief - Students will grow in awareness and understanding of

- The Seven Sacraments
- The Gifts of God's Law

Worship and Prayer - Students will

- Discover the significance of signs and symbols
- Study and reflect upon God's presence with us throughout time
- Grow in understanding of the Liturgical Year

Christian Life - Students will

- Discover the roles of the Church as Community, Herald, Pilgrim, Sacrament and Sign throughout the history of Christianity
- Reflect on the significance of choosing to live in Christ

Scripture - Students will increase their understanding of

- The ways God reveals himself to us in Sacred Scripture
- The relationship between Scripture and the beliefs, doctrines and practices of the Church