

Saint Brendan Catholic School

Sixth Grade Curriculum Guide

Mathematics

- ❖ Identifying Associative, Commutative and Distributive properties
- ❖ Place value with decimals
- ❖ Ordering decimals
- ❖ Decimal operations
- ❖ Probability
- ❖ Ratio and proportion
- ❖ Constructing graphs
- ❖ Rules of divisibility
- ❖ LCM and GCF
- ❖ Fraction and mixed number operations
- ❖ Percentages
- ❖ Writing expressions
- ❖ Comparison of expressions and equations
- ❖ Sequencing multiplication and division equations
- ❖ Integer applications
- ❖ Using variables
- ❖ Order of operations
- ❖ Effective use of number lines
- ❖ Construction of word problems

Geometry

- ❖ Surface area formulas
- ❖ Plotting on a geometric plane
- ❖ Identifying polygons
- ❖ Using congruent and similar shaped forms
- ❖ Tessellations
- ❖ Units of length
- ❖ Perimeter operations

Language Arts

- ❖ Comprehensive emphasis on grammar, word usage and language mechanics
- ❖ Writing process
- ❖ Continuous instruction and practice of handwriting, spelling, punctuation, capitalization and sentence structure
- ❖ Exposure to and appreciation for literary forms and techniques
- ❖ Emphasis on reading comprehension through highly interactive teacher directive reading
- ❖ Vocabulary instruction and practice on and above grade level
- ❖ Creativity enhanced through use of multi-sensory approaches

Science - Earth Science

- ❖ Scientific Method
- ❖ Metric Measurement
- ❖ Graphing
- ❖ Atomic Structure
- ❖ Minerals
- ❖ Rock Cycle
- ❖ Changing surface of the Earth: topography, erosion forces, plate tectonics, earthquakes, volcanoes

Saint Brendan Catholic School

Sixth Grade Curriculum Guide

Science (continued)

- ❖ Space: characteristics of the solar system, planets, and stars
- ❖ Laboratory safety and equipment usage

Students participate in:

- ❖ Volusia County Science and Engineering Fair
- ❖ Florida State Science and Engineering Fair

Social Studies

- ❖ Themes of social studies
- ❖ People of the Stone Age
- ❖ Civilizations of Southwest Asia: Mesopotamians, Lydians, Phoenicians
- ❖ Ancient Egypt
- ❖ Early Chinese civilizations
- ❖ The Persian Empire
- ❖ Ancient Greece
- ❖ The Roman Empire
- ❖ Europe in the Middle Ages
- ❖ African empires of Ghana and Mali

Skills learned and practiced:

- ❖ Reading and research skills
- ❖ Map and globe skills
- ❖ Chart and graph analysis
- ❖ Creating timelines
- ❖ Understanding time zones
- ❖ Computer presentation programs
- ❖ Journal writing

Students participate in the following;

- ❖ National Geographic Geography Bee
- ❖ Simulation activities e.g. Ancient Egypt re-enactment
- ❖ Academic teams
- ❖ Social Studies Fair – local and state
- ❖ Daughters of the American Revolution essay contest
- ❖ Newspapers in education – Daytona News Journal
- ❖ Women in History presentations

Religion

Curriculum is based on the four pillars of the Catechism: the Creed, the Sacraments, the Commandments, and Prayer.

Focus is on, but not limited to:

- ❖ Old Testament
- ❖ Roots of the Sacraments
- ❖ Symbols
- ❖ The Sacred
- ❖ Psalms
- ❖ Research
- ❖ Daily Journal writing
- ❖ Family Life Program

Saint Brendan Catholic School

Sixth Grade Curriculum Guide

Religion (continued)

Students participate in:

- ❖ Student led weekly Mass
- ❖ Service projects/school, parish, community
- ❖ Community Outreach
- ❖ Sacrament of Confirmation (alternate years)
- ❖ Reconciliation
- ❖ Student led Stations of the Cross
- ❖ Spiritual Retreat
- ❖ Altar Serving

Latin/Humanities

- ❖ Nominative/Accusative, Ablative cases 1st, 2nd, 3rd declensions
- ❖ Prepositions
- ❖ The Roman Family
- ❖ ILIAD
- ❖ The mouth of Truth

Skills learned and practiced include-

- ❖ Identification of subject, verbs, direct object, prepositional phrases
- ❖ Translation of short paragraphs – Latin to English
- ❖ Writing short paragraphs – English to Latin
- ❖ Study of epic literature
- ❖ Identification of English derivatives from Latin vocabulary

Physical Education

- ❖ Combine skills competently to participate in a modified version of team and individual sports, demonstrating motor patterns of manipulative skills (proper catching, throwing, and striking techniques)
- ❖ Demonstrate basic knowledge of circulatory, skeletal, and muscular systems
- ❖ Achieve and maintain appropriate cardiovascular fitness, flexibility, muscular strength, endurance, and body composition

Art

- ❖ Increased competence in art techniques, tools, and function of art in society
- ❖ Awareness of art history and art terminology.
- ❖ Students work individually and collaboratively with various art materials
- ❖ Two dimensional and three dimensional projects both individual and collaborative
- ❖ School participation in various art shows and contests in the community and at school

Spanish

- ❖ Daily conversation
- ❖ Introduction to Hispanic culture
- ❖ Benefits of knowing Spanish
- ❖ Pronunciation, writing and grammar
- ❖ Spanish songs
- ❖ Vocabulary and expressions per monthly theme

Saint Brendan Catholic School

Sixth Grade Curriculum Guide

Computer

- ❖ Keyboarding skills – Typing Time
- ❖ Internet safety procedures
- ❖ Microsoft Word
- ❖ Microsoft Excel
- ❖ Cross-curricular games including math, language arts, social studies and science. Examples of software include Carmen San Diego, Millionaire and Quiz Master.

Library

- ❖ Expand students perception of Children's Literature and
- ❖ Utilize library resources for research: Atlas, Almanac, Encyclopedia
- ❖ Dewey Decimal System
- ❖ Study Skills
- ❖ Outlines
- ❖ MLA style citations for bibliographies
- ❖ Experience a variety of media