



## SIXTH GRADE CURRICULUM

### IN SIXTH GRADE MATH the students will:

- extend their understanding of estimation, decimal and fraction operations, integers
- use reasoning to solve ratios and proportional relationships
- understand the use of variables in expressions and equations
- reason about geometric relationships
- build upon their understanding of statistics and probability

### IN SIXTH GRADE READING/LANGUAGE ARTS the students will:

- increase their vocabulary and spelling development through regular word study
- develop oral and written communication skills
- progress through a variety of literary genres and elements
- learn to critically analyze questions and themes through fiction and non-fiction texts
- identify and learn grammatical structures
- gather facts and information to organize a research paper

### IN SIXTH GRADE SCIENCE the students will:

- explore science, technology, and engineering
- study Earth's natural resources such as minerals, rocks, soil, and energy sources
- analyze the structure, function, and processes of cells
- classify Earth's organisms into kingdoms based on characteristics
- study forms of energy and their relation to motion
- explore matter and define chemical and physical properties

### IN SIXTH GRADE SOCIAL STUDIES the students will:

- study the history of the countries and continents of the Eastern Hemisphere from the beginnings of civilization to the modern era including Europe, Asian countries like China, Japan, and Russia, Australia, etc. This study shows the progression of ideas over time with a focus on Catholic identity.
- write a research paper on an event or invention from history (paired with ELA) to help develop research and writing skills
- give a presentation on their chosen paper topic for social studies to hone presentation and public speaking skills

### IN SIXTH GRADE RELIGION , the students will:

- understand how the messages and stories of the Old Testament prepares for and prefigures the revelation of Jesus Christ in the New Testament
- study the twelve stages and seven covenants of salvation history
- learn to think deeply about their Catholic faith
- understand the power of Catholic faith to shape and elevate all aspects of human life
- use Pope Benedict's XVI's Deus Caritas Est to better understand true love
- visit Plum Street Temple and two cathedrals to continue to develop appreciation for the Catholic faith

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### Sixth Grade Specials

Latin  
Fine Arts  
Music  
Physical Education  
Library  
Weekly School Mass & Adoration  
Study Skills  
Keyboarding

### Sixth Grade Highlights

STEM-based learning  
Fall essay  
Academic Fair project  
Church worship and architecture tour  
Poetry Presentation