



**St Michael Catholic School  
Seventh and Eighth Grade  
Curriculum Overview**

**7<sup>th</sup>/8<sup>th</sup> Reading and Language Arts**

- Grammar Conventions
- Spelling
- Vocabulary Development
- Prewriting/writing skills
  - Persuasive
  - Narrative
  - Poetry
- Read for information, interpretation, comprehension, pleasure
- Literature
  - Genres
  - Short story, poetry, non-fiction, drama
- Analyze Literature through essay
- The Research process
- Note Taking
- Accessing information
- Organization/outlines

**Mathematics 7<sup>th</sup> Grade**

- Decimals, fractions, and percents
- Positive and negative numbers
- Graph simple equations
- Order of operations
- Properties
- Geometry
- Measurement
- Problem Solving
- Ratios
- Central tendency
- Solving equations and inequalities with one unknown

**Mathematics 8<sup>th</sup> Grade**

- Solving equations
- Graphing equations
- Probability
- Exponents
- Polynomials
- Factoring

**Mathematics 8th Grade cont.**

- Solving equations and inequalities with more than one unknown
- Problem solving
- Decimals, fractions, integers, rational numbers
- Quadratics (Algebra only)

**Social Studies 7/8 Year 1**

- **Us History**
  - Civil War to Present
  - Constitution
  - Bill of Rights
  - Structure of Federal/State Government
  - Election Process
  - Influential individuals in US history
  - Research and write term paper
  - Class debate

**Social Studies 7/8<sup>th</sup> Year 2**

- **World History**
  - Cradle of Civilization
  - Ancient Egypt
  - Roman Empire
  - Middle Ages
  - Influential individuals in human history
  - Five Themes of Geography
  - Research and write term paper

**Science 7/8 Year 1**

- Scientific Experiments
- Earth Science
  - Atmosphere
  - Earth's formation
  - Landmasses/oceans
  - Geological timeline
  - Earthquakes
  - Volcanoes
  - Rocks & Mineral
  - Physical Science and Astronomy

## Science 7/8<sup>th</sup> Year 2

- Scientific experiments
- Life Science
  - Monerans
  - Protists
  - Fungi
  - Human Biology
  - Physical Science and Astronomy

## Career Education

### 7<sup>th</sup> & 8<sup>th</sup> Grade Health and Fitness

- Presidential Fitness Challenge
- Rules and participation in Popular Team Sports
- Creating Personal Fitness Plans
- Develop motor skills and movement concept
- Understands components of health related fitness
- Foundations of health
- Nutrition and relationship to health
- “Safe Behavior” relationships
- Factors impacting personal health
- HIV and sexual education programs
- Presentation and control of diseases

## Music

- Music Appreciation
- Christmas Program Performance
- Chorus

## Technology - 7/8<sup>th</sup> Grade

- Multimedia Collaboration Projects
- Spreadsheets
- Mathematics Program
- Keyboarding
- Application skills

## Religion

- Liturgical Seasons
- Family Life
- Year 1—The Mass and the New Testament
- Year 2-Morality and Church History