## Seventh Grade Overview

<table>
<thead>
<tr>
<th><strong>First Semester</strong></th>
<th><strong>Second Semester</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td><strong>Social Studies</strong></td>
</tr>
</tbody>
</table>
| GRAMMAR AND COMPOSITION  
- Paragraph and sentence structures  
- Dependent and independent clauses  
- Prewriting techniques  
- Confusing word pairs  
- Citing sources and plagiarism  
- Spelling rules and frequently misspelled words | LITERATURE  
- Analysis of literary themes  
- Analogy, metaphor, and simile  
- Story predictions  
- Plot and character development  
- Poetry | **GRAMMAR AND COMPOSITION**  
- Types of nouns and pronouns  
- Verb tenses  
- Shirts in tense and person  
- Subject/verb agreement  
- Dangling and misplaced modifiers  
- Parallel construction  
- Writing a business letter | **LITERATURE**  
- Free verse  
- Citing textual evidence  
- Story structure  
- Family stories  
- Biographies and autobiographies |
| **LITERATURE**  
- Empires of Asia  
- European Age of Enlightenment  
- French Revolution  
- Industrial Revolution | **SLAVERY AND U.S. CIVIL WAR**  
- Slavery and U.S. Civil War  
- Nationalism and Imperialism  
- World Wars | **Influential people in history**  
- United Nations  
- Cold War  
- Conflicts in Asia and the Middle East | **Information Age**  
- Technology |
| **SCIENCE**  
- Variables and controlled experiments  
- Movement of Earth and moon  
- Astronomy  
- Geology  
- Weathering and erosion  
- Plate tectonics  
- Student-led scientific inquiry | **GEOLOGY**  
- Plate tectonics | **GLOBAL CLIMATE CHANGE**  
- Global climate change  
- Meteorology  
- Water cycle  
- Atmosphere pressure and wind patterns  
- Earth’s resources  
- Human population growth | **Biodiversity and habitat loss**  
- Student-led scientific inquiry |
| **MATH**  
- Order of operations  
- Factors and prime numbers  
- Simple and compound interest  
- Equations with missing numbers  
- Metric units of measure  
- Signed numbers  
- Rules of equations  
- Probability and probability in a series  
- Using a calculator | **GEOMETRY**  
- Circumference and area of a circle  
- Construction triangles and calculating area  
- Applying and transforming formulas  
- Applying functions to find unknown values  
- Ratios and proportions  
- Bisecting lines and angles  
- Volume of geometric solids  
- Roots and exponents of fractions and negative numbers  
- Scientific notation  
- Graphing a line for an equation | **HUMAN POPULATION GROWTH**  
- Human population growth | **Technology**  
- Environmental science  
- Sustainability  
- Renewable energy  
- Biotechnology |