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HOLY TRINITY EPISCOPAL SCHOOL

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## Eighth Grade

# Holy Trinity Episcopal School - Curriculum Guide – 8<sup>th</sup> Grade

|                                   | Language Arts   | Mathematics   |
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| <b>CONTENT</b>                    | <p>Novel<br/>Short stories<br/>Poetry<br/>Research<br/>Drama<br/>Traditional Literature<br/>Spelling<br/>Vocabulary</p>   | <p>Algebra 1:<br/>Operations with variables<br/>Linear Equations<br/>Quadratic Equations<br/>Factoring Polynomials<br/>Functions</p>  |
| <b>SKILLS</b>                     | <p>Literary analysis (point of view, character analysis, plot development, audience analysis, genre identification, interpreting imagery, theme)<br/>Figurative language (metaphor, simile, personification, imagery, symbolism)<br/>Vocabulary development<br/>Compare/Contrast<br/>Analyze tone and mood<br/>Formal Essay Writing</p> | <p>Algebra 1:<br/>Combine terms and simplify. Solve &amp; graph linear equations.<br/>Solve and graph quadratic equations. Factor polynomials.<br/>Define and manipulate functions.</p> |
| <b>ASSESSMENT/<br/>EVALUATION</b> | <p>Tests<br/>Quizzes<br/>Portfolio<br/>Book projects<br/>Essays<br/>Discussions</p>   | <p>Quizzes<br/>Tests<br/>Projects</p>   |
| <b>MATERIALS</b>                  | <p>Short stories<br/>Poetry<br/><u>Elements of Literature</u>, Holt/Reinhardt &amp; Winston<br/><u>BK English</u>, Barrett Kendall<br/><u>Vocabulary Workshop</u>, Sadlier/Oxford Levels B &amp; C<br/><u>Everyday Spelling</u>, Scott/Forseman, Addison/Wesley Grades 7, 8</p>   | <p><u>Algebra 1</u>, Prentice Hall UCSMP</p>  |

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|                                   | Social Studies   | Science  |
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| <b>CONTENT</b>                    | <p>U.S. History</p> <ul style="list-style-type: none"> <li>• Discovery of the New World</li> <li>• The Colonial Period</li> <li>• The American Revolution</li> <li>• The Constitution</li> <li>• Expansion of the Nation</li> <li>• North vs. South</li> <li>• The Civil War</li> <li>• Reconstruction</li> <li>• The Industrial Revolution</li> <li>• World War 1</li> </ul>          | <p>Physical Science</p> <ul style="list-style-type: none"> <li>• Matter</li> <li>• Atoms</li> <li>• Chemical Bonds &amp; Reactions</li> <li>• Forces &amp; Motion</li> <li>• Energy, Work, &amp; Machines</li> <li>• Sound &amp; Light</li> <li>• Electricity &amp; Magnetism</li> </ul>           |
| <b>SKILLS</b>                     | <p>Analyze graphic data and images<br/>           Make valid generalizations<br/>           Identify Frame of reference/Point of view<br/>           Decision making/Problem solving<br/>           Synthesize information<br/>           Create/Use special purpose maps<br/>           Identify main ideas/ Summarize<br/>           Identify cause and effect/ Make predictions</p> | <p>Classifying / Experimenting<br/>           Measuring / Communication<br/>           Predicting<br/>           Identify steps of the scientific method<br/>           Inferring<br/>           Designing Experiments<br/>           Drawing conclusions<br/>           Controlling variables</p> |
| <b>ASSESSMENT/<br/>EVALUATION</b> | <p>Written and oral quizzes and tests<br/>           Responsive essays<br/>           Creative group projects<br/>           Map reading</p>   | <p>Labs / Quizzes<br/>           Teacher observation<br/>           Daily work<br/>           Projects</p>   |
| <b>MATERIALS</b>                  | <p>Textbook: <u>Call to Freedom</u>, Holt Reinhardt &amp; Winston<br/>           Reference and Non-Fiction books<br/>           Historical Novels<br/>           Videos, Internet<br/>           Field Trips</p>   | <p>Textbook: <u>Science Explorer: Earth Science</u>, Prentice Hall<br/>           Labs<br/>           Field Trips</p>  |