

## Core Knowledge at a Glance: Major Topic Headings, 6–8

|                              | Sixth Grade  | Seventh Grade   | Eighth Grade  |
|------------------------------|--|---|---|
| <b>Language Art/English</b>  | <ol style="list-style-type: none"> <li>Writing, Grammar, and Usage</li> <li>Poetry</li> <li>Fiction and Drama (Short Stories; Shakespeare; Classical Myths; Classic Literature)</li> <li>Common Sayings and Phrases</li> <li>Drama Production</li> <li>Public Speaking</li> <li>Root Words</li> </ol>  | <ol style="list-style-type: none"> <li>Writing, Grammar, and Usage</li> <li>Poetry</li> <li>Fiction, Nonfiction, and Drama (Short Stories; Classic Play; Classic Literature; Autobiography)</li> <li>Foreign Phrases Commonly Used in English</li> <li>Drama Production</li> <li>Public Speaking</li> <li>Root Words</li> </ol> | <ol style="list-style-type: none"> <li>Writing, Grammar, and Usage</li> <li>Poetry</li> <li>Fiction, Nonfiction, and Drama (Short Stories; Shakespeare; Classic Literature; )</li> <li>Foreign Phrases Commonly Used in English</li> <li>Drama Production</li> <li>Public Speaking</li> <li>Root Words</li> </ol>   |
| <b>History and Geography</b> | <p><b>World</b></p> <ol style="list-style-type: none"> <li>World Geography (Spatial Sense; Deserts)</li> <li>Lasting Ideas from Ancient Civilizations (Judaism, Christianity; Greece and Rome)</li> <li>Enlightenment</li> <li>French Revolution</li> <li>Ancient Egypt</li> <li>Romanticism</li> <li>Industrialism, Capitalism, and Socialism</li> <li>Latin American Independence Movements</li> </ol> <p><b>American</b></p> <ol style="list-style-type: none"> <li>Immigration, Industrialization, and Urbanization</li> <li>Reform</li> </ol> | <p><b>World</b></p> <ol style="list-style-type: none"> <li>America Becomes a World Power</li> <li>World War I, “The Great War”</li> <li>Russian Revolution</li> <li>America from the Twenties to the New Deal</li> <li>World War II</li> <li>Geography of the United States</li> </ol>  | <p><b>World</b></p> <ol style="list-style-type: none"> <li>Decline of European Colonialism</li> <li>Cold War</li> <li>Civil Rights Movement</li> <li>Vietnam War and the Rise of Social Activism</li> <li>Middle East and Oil Politics</li> <li>End of the Cold War: Expansion of Democracy and Continuing Challenges</li> <li>Civics: The Constitution — Principles and Structure of American Democracy</li> <li>Geography of Canada and Mexico</li> </ol> |
| <b>Visual Arts</b>           | <ol style="list-style-type: none"> <li>Art History: Periods and Schools (Classical; Gothic; Renaissance; Baroque; Rococo; Neoclassical; Romantic; Realism)</li> </ol>  | <ol style="list-style-type: none"> <li>Art History: Periods and Schools (Impressionism; Post-Impressionism; Expressionism and Abstraction; Modern American Painting)</li> </ol>   | <ol style="list-style-type: none"> <li>Art History: Periods and Schools (Painting Since World War II; Photography; 20th-Century Sculpture)</li> <li>Architecture Since the Industrial Revolution</li> </ol>   |
| <b>Music</b>                 | <ol style="list-style-type: none"> <li>Elements of Music</li> <li>Classical Music: From Baroque to Romantic through listening</li> </ol>   | <ol style="list-style-type: none"> <li>Elements of Music</li> <li>Music and National Identity through listening</li> <li>American Musical Traditions (Blues and Jazz) through listening</li> </ol>  | <ol style="list-style-type: none"> <li>Elements of Music</li> <li>Non-Western Music</li> <li>Classical Music: Nationalists and Moderns through listening</li> <li>Vocal Music (Opera; American Musical Theater)</li> </ol>  |
| <b>Mathematics</b>           | <ol style="list-style-type: none"> <li>Numbers and Operations</li> <li>Measurement</li> <li>Intro to Algebra</li> <li>Intro to Geometry</li> <li>Data Analysis and Probability</li> </ol>  | <ol style="list-style-type: none"> <li><b>Course 3:</b> Numeration, scientific notation, multi step equations, square/cube roots, transformations, Pythagorean Theorem</li> <li><b>Algebra:</b> Foundations, Equations, Polynomials, Systems of Linear Equations and Inequalities, Probability and data analysis</li> </ol>     | <ol style="list-style-type: none"> <li><b>Algebra:</b> Foundations, Equations, Polynomials, Systems of Linear Equations and Inequalities, Probability and data analysis</li> <li><b>Geometry:</b> Foundations, Logic and Reasoning, Triangles, Polygons, Quadrilaterals, Right Triangles and Trigonometry</li> </ol>  |
| <b>Science</b>               | <ol style="list-style-type: none"> <li>Plate Tectonics</li> <li>Oceans</li> <li>Astronomy: Gravity, Stars, and Galaxies</li> <li>Energy, Heat, and Energy Transfer</li> <li>Human Body (Lymphatic and Immune Systems)</li> <li>Science Experiment</li> </ol>   | <ol style="list-style-type: none"> <li>Atomic Structure</li> <li>Chemical Bonds and Reactions</li> <li>Cell Division and Genetics</li> <li>History of the Earth and Life Forms</li> <li>Evolution</li> <li>Science Experiment</li> </ol>  | <ol style="list-style-type: none"> <li>Forces and Motion</li> <li>Electricity and Magnetism</li> <li>Electromagnetic Radiation and Light</li> <li>Sound Waves</li> <li>Density and Buoyancy</li> <li>Chemistry of Food and Respiration</li> <li>Science Experiment</li> </ol>   |