

|  | <b>“A Day in the Life...”</b>  | <b>“Walk on the Wild Side”</b>   | <b>“Our World...”</b>   | <b>“Moving Along...”</b>  |
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| <b>6<sup>th</sup> Grade Science</b>        | <p><b>An Astronomer</b><br/>Formation and Position of the Solar System (S6E1)</p> <p>Characteristics of Planets (S6E1)</p> <p>Gravity’s role (S6E1)</p> <p>Comets, Asteroids, and Meteoroids. (S6E1)</p> <p>Earth, Sun, and Moon (S6E2)</p>                | <p><b>Hydrology/Weather</b><br/>Hydrological Cycle (S6E3)</p> <p>Land, water, and climate (S6E4)</p> <p>Heating of land and water (S6E4)</p> <p>Air pressure, weather fronts, air masses (S6E5)</p> <p>Layers of the Atmosphere (S6E5)</p>   | <p><b>Geology</b><br/>Composition of Earth and rocks. (S6E5)</p> <p>Formation of the Earth’s surface (S6E5)</p> <p>Types of rocks and minerals (S6E5)</p> <p>Natural processes and human impact on geological features (S6E5)</p> | <p><b>Ocean/Natural Resources</b><br/>Renewable and nonrenewable resources (S6E6)</p> <p>Natural Resource conservation (S6E6)</p> <p>Rise in global temperatures (S6E6)</p> <p>Composition and location of Earth’s Oceans (S6E3)</p> <p>Waves, Currents, and Tides (S6E3)</p> |
| <b>6<sup>th</sup> Grade Social Studies</b> | <p><b>Europe</b><br/>Physical Europe (SS6H7,8,9)</p> <p>European governments (SS6CG3)</p> <p>Europe’s economy and trade (SS6E7,8,9)</p> <p>Cultural Europe (SS6H10)</p> <p>European History (SS6H3)</p> <p>Europe in the 20<sup>st</sup> cent. (SS6H7)</p> | <p><b>Latin America</b><br/>Physical Latin America (SS6G1, 3)</p> <p>Latin American environment (SS6G2)</p> <p>Latin American governments (SS6CG1)</p> <p>Latin American economy and trade (SS6E1-4)</p> <p>Latin America’s cultural (SS6G4)</p> <p>Latin America and the Caribbean in</p> | <p><b>Canada</b><br/>Physical Canada (SS6G4, 5)</p> <p>Canadian environment (SS6G6)</p> <p>Canadian government (SS6CG1)</p> <p>Canada’s economy and trade (SS6E4)</p> <p>Contemporary Canada (SS6H2)</p>                          | <p><b>Australia</b><br/>Australia’s physical geography and climate (SS6G11, 12)</p> <p>Australian government (SS6CG4)</p> <p>Australia’s economy and trade (SS6E10,11,12)</p> <p>European influence (SS6H4)</p>   |

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|  |   | the History century (SS6H1, 2, 3)   |   |   |
| <b>7<sup>th</sup> Grade Science</b>        | <p><b>Life Science and Cells</b><br/>Cell structures and functions (S7E2)</p> <p>Organization of an Organism (S7E2)</p> <p>Human Body Systems (S7E2)</p>  | <p><b>Genetics</b><br/>Inheriting biological traits (S7L3)</p> <p>Predicting traits (S7L3)</p> <p>Asexual and sexual reproduction (S7L3)</p> <ul style="list-style-type: none"> <li>• Selective Breeding (S7L3)</li> </ul>          | <p><b>Evolution &amp; Taxonomy</b><br/>Natural Selection leading to changes in successive generations (S7L5)</p> <p>Fossil Record as evidence for Evolution (S7L5)</p> <p>Compare and contrast organisms from the 6 Kingdoms (S7L1)</p> | <p><b>Ecology</b><br/>Interactions of organisms and their environment (S7L4)</p> <p>Cycling of matter and flow of Energy in an Ecosystem (S7L4)</p> <p>External factors impact on populations (S7L4)</p> <p>Terrestrial and Aquatic Biomes (S7L4)</p> |
| <b>7<sup>th</sup> Grade Social Studies</b> | <p><b>Southern and Eastern Asia</b></p> <p>Themes of Geography</p> <p>Location SS7G9</p> <p>Location/trade/ environmental IMPACT SS7G11 SS7G10</p> <p>Culture/ Religions SS7G12</p> <p>Continuity/ Change SS7H3</p> | <p>Government SS7CG4</p> <p>Economics/ Trade SS7E7 SS7E8 SS7E9</p> <p><b>Southwest Asia: Middle East</b></p> <p>Location (countries/ physical features) SS7G5</p> <p>Location/ Climate IMPACT SS7G7</p> <p>Environmental IMPACT</p> | <p><b>Southwest Asia: Middle East</b></p> <p>Government SS7CG3</p> <p>Economics/ Trade SS7E4 SS7E5 SS7E6</p> <p><b>Africa</b></p> <p>Location SS7G1</p> <p>Location/trade/ environmental IMPACT SS7G2 SS7G3</p>                         | <p><b>Africa</b></p> <p>Government SS7CG1 SS7CG2</p> <p>Economics/ Trade SS7E1 SS7E2 SS7E3</p> <p>Money Management SS7E10</p>   |

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|  |   | <p>SS7G6</p> <p>Culture/<br/>Religions SS7G8</p> <p>Continuity/<br/>Change SS7H2</p>   | <p>Culture/<br/>Religions<br/>SS7G4</p> <p>Continuity/<br/>Change<br/>SS7H1</p>  |  |
| <p><b>8<sup>th</sup><br/>Grade<br/>Science</b></p> | <p><b>Matter and Energy</b><br/>Atoms and molecules (S8P1)</p> <p>Law of Conservation of Matter - Balancing Chemical equations (S8P1)</p> <p>Pure substances and mixtures(S8P1)</p> <p>Patterns of the Periodic Table (S8P1)</p> <p>Movement of particles in solids, liquids, and gases (S8P1)</p> <p>Chemical and physical properties of matter (S8P1)</p> <p>Kinetic vs Potential energy (S8P2)</p> <p>Effects of heat transfer of molecular motion(S8P2)</p> | <p><b>Motion</b><br/>Balanced and unbalanced forces and Newton's Laws of Motion (S8P3)</p> <p>Cause and effect relationships between force, mass, and motion of objects (S8P3)</p> | <p><b>Electromagnetics and the Wave</b><br/>The electromagnetic spectrum and how it relates to energy (S8P4)</p> <p>Compare and contrast electromagnetic and mechanical waves (S8P4)</p> <p>How light and sound waves are affected by different media (S8P4)</p> <p>Relationship between wave properties and energy (S8P4)</p> | <p><b>Forces</b><br/>Gravity, electricity and magnetism as forces (S8P5)</p> <p>Conductors and insulators (S8P5)</p> <p>Factors that affects the strength of forces (S8P5)</p> |

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| <p><b>8<sup>th</sup> Grade Social Studies</b></p> | <p><b>The Foundations of Georgia and the US</b><br/>                 Native Americans in Georgia (SS8H1)<br/><br/>                 Georgia's physical features (SS8G1)<br/><br/>                 Georgia's roles in historical national politics (SS8H3-5)<br/><br/>                 Geography and Climate (SS8G1)<br/><br/>                 Prehistoric and Early Georgia (Colonial) (SS8H1) (SS8H2)<br/><br/>                 Revolution and New Government<br/><br/>                 Georgia Economy (SS8E1)</p> | <p><b>Westward Expansion and National Division</b><br/>                 Exploration and colonization (SS8H1) (SS8H2) (SS8G1)<br/><br/>                 Civil War and Reconstruction (SS8H6) (SS8E2)<br/><br/>                 Westward Expansion (SS8H4)<br/><br/>                 Civil War and Reconstruction (SS8H5) (SS8H6)</p> | <p><b>A New and Modernizing Georgia</b><br/>                 Georgia at the turn of the century (SS8H7)<br/><br/>                 State economy (SSG3)<br/><br/>                 World War I (SS8H8)<br/><br/>                 World War II (SS8H9)<br/><br/>                 New South Growing Georgia through World War II (SS8H7) (SS8H8) (SS8H8) (SS8H9) (SS8H10)<br/><br/>                 Modern Economy (SS8E2)</p> | <p><b>Maintaining Modern Georgia</b><br/>                 Civil Rights in Georgia (SS8H11)<br/><br/>                 Government branches (SS8CG1-4)<br/><br/>                 Local and state govt. (SS8CG6)<br/><br/>                 Juvenile Justice (SS8CG5)<br/><br/>                 Modern Georgia (SS8H12)<br/><br/>                 Personal Money Management (SS8E3)</p> |
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