

Twig Science Grade 5	Twig Science Grade 6	McGraw Hill California Inspire Science Grade 7	McGraw Hill California Inspire Science Grade 8
Module 1: Matter Mysteries Hotline			
<p>5-PS1-1 Develop a model to describe that matter is made of particles too small to be seen.</p> <p>5-PS1-3 Make observations and measurements to identify materials based on their properties</p> <p>5-PS1-4 Conduct an investigation to determine whether the mixing of two or more substances results in new substances</p> <p>3-5-ETS1-3 Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved</p>		<p>Classification and States of Matter: MS-PS1-1, MS-PS1-4</p> <p>Matter: Properties and Changes: MS-PS1-2, MS-PS1-5, MS-PS1-6, MS-ETS1-1, MS-ETS1-2, MS-ETS1-3, MS-ETS1-4</p>	
Module 2: Yellowstone Uncovered			
<p>5-LS1-1 Support an argument that plants get the materials they need for growth chiefly from air and water.</p> <p>5-LS2-1 Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment</p> <p>5-PS3-1 Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the Sun.</p>	<p>BioTech Systems Worldwide: MS-LS1-1, MS-LS1-2, MS-LS1-3, MS-LS1-8, MS-ETS1-1, MS-ETS1-2</p>	<p>Energy and Matter in Ecosystems: MS-LS1-6, MS-LS1-7, MS-LS2-3</p> <p>Dynamic Ecosystems: MS-LS2-1, MS-LS2-2, MS-LS2-4</p>	
Module 3: H2O Response Team			
<p>5-ESS2-1 Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.</p> <p>5-ESS2-2 Describe and graph the amounts and percentages of water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth</p> <p>5-ESS3-1 Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.</p> <p>3-5-ETS1-1 Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost</p> <p>3-5-ETS1-2 Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem</p> <p>3-5-ETS1-3 Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.</p>	<p>Destination Everywhere!: MS-ESS2-4, MS-ESS2-5, MS-ESS2-6, MS-PS3-3, MS-PS3-4, MS-PS3-5, MS-ETS1-1, MS-ETS1-3</p>	<p>Distribution of Earth's Resources: MS-ESS3-1</p>	
Module 4: Galactic Guidebook			
<p>5-ESS1-2 Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.</p> <p>5-ESS1-1 Support an argument that differences in the apparent brightness of the Sun compared to other stars is due to their relative distances from the Earth.</p> <p>5-PS2-1 Support an argument that the gravitational force exerted by Earth on objects is directed down.</p>			<p>Forces and Motion: MS-PS2-1, MS-PS2-2, MS-PS2-4</p> <p>The Sun-Earth-Moon System: MS-ESS1-1</p> <p>Exploring the Universe: MS-ESS1-2, MS-ESS1-3</p>