



Challenge Preparatory Academy Science Matrix for Learning & STEAM Lessons

5 th Grade Pacing Guides	6 th Grade Pacing Guides	7 th Grade Pacing Guides	8 th Grade Pacing Guides	9 th Grade Pacing Guides
<ol style="list-style-type: none"> <u>1. Earth and Changes Over Time</u> <u>2. Dynamics of Classification</u> <u>3. Cells and Microorganisms</u> <u>4. Energy Transfer through Electricity and Magnetism</u> <u>5. Physical and Chemical Changes</u> 	<ol style="list-style-type: none"> <u>1. Solar System and Beyond</u> <u>2. Earth-Moon-Sun</u> <u>3. Earth's Changing Landscape</u> <u>4. Water in Earth's Processes</u> <u>5. Climate and Weather</u> <u>6. Human Energy Needs</u> 	<ol style="list-style-type: none"> <u>1. Stability and Change in Living Systems</u> <u>2. Structure and Function in Living Systems</u> Part One: I Can't Eat This Food Part Two: I Can't Eat This Food, but My Sibling Can <u>3. Patterns in Living Systems</u> 	<ol style="list-style-type: none"> <u>1. Interactions of Energy and Matter</u> <u>2. Structure and Properties of Matter</u> <u>3. Waves</u> <u>4. Forces</u> <u>5. Motion</u> 	<p>Physical Science</p> <ol style="list-style-type: none"> <u>1. Introduction: How do cars or rockets go?</u> <u>2. Properties of Matter</u> <u>3. Reactions</u> <u>4. Energy</u> <u>5. Force and Motion</u> <u>6. Waves</u> <u>7. Capstone: Energy</u>