

## Topics Covered By Week

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<ul style="list-style-type: none"> <li>❖ Cell Theory and Organelles</li> <li>❖ Carnivore Description and Features</li> <li>❖ Less Familiar Carnivores</li> </ul>	<ul style="list-style-type: none"> <li>❖ Cell division and Reproduction</li> <li>❖ Diffusion and Osmosis</li> <li>❖ Mammal adaptation , Recognizing Adaptation</li> </ul>
<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>	<ul style="list-style-type: none"> <li>❖ Asexual Reproduction</li> <li>❖ Sexual Reproduction</li> <li>❖ Food chains and Food Web</li> </ul>
<ul style="list-style-type: none"> <li>❖ Traits and Genes</li> <li>❖ The Biosphere</li> <li>❖ Biomes Description</li> </ul>	<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>
<ul style="list-style-type: none"> <li>❖ Vascular Plants</li> <li>❖ Cycles in Nature carbon Cycle</li> <li>❖ Oxygen Cycle and Nitrogen Cycle</li> </ul>	<ul style="list-style-type: none"> <li>❖ Photosynthesis in Plant</li> <li>❖ Growth in plant</li> <li>❖ Geotropism and Phototropism</li> </ul>
<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>	<ul style="list-style-type: none"> <li>❖ Plate Tectonics</li> <li>❖ The Layers of the Earth</li> <li>❖ Continental Drift</li> </ul>
<ul style="list-style-type: none"> <li>❖ The Theory of Plate Tectonics</li> <li>❖ Earthquakes , Richter scale</li> <li>❖ Earthquakes throughout the year</li> </ul>	<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>
<ul style="list-style-type: none"> <li>❖ Volcanos and its types</li> <li>❖ Features and Facts of volcano</li> <li>❖ Hotspot volcanos , volcanic eruption</li> </ul>	<ul style="list-style-type: none"> <li>❖ Matters and Properties</li> <li>❖ Atoms and Elements , molecules</li> <li>❖ Molecules in motion</li> </ul>
<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>	<ul style="list-style-type: none"> <li>❖ Measuring molecules mass , volume , density</li> <li>❖ Physical Changes in matter</li> <li>❖ Chemical changes in matter</li> </ul>
<ul style="list-style-type: none"> <li>❖ Chemicals helpful and harmful</li> <li>❖ Kinetic and Potential Energy</li> <li>❖ Forms of Energy and Energy Chains</li> </ul>	<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>
<ul style="list-style-type: none"> <li>❖ Force and Motion (3.NF.A.1)</li> <li>❖ Inertia and Momentum (3.NF.A.2)</li> <li>❖ Conservation of Momentum (3.NF.A.3)</li> </ul>	<ul style="list-style-type: none"> <li>❖ Work – physical energy reaction</li> <li>❖ Simple Machines – inclined plane , lever</li> <li>❖ Wheel and Axle , Pulley system</li> </ul>
<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>	<ul style="list-style-type: none"> <li>❖ Thermal Energy</li> <li>❖ Sound and Light Energy</li> <li>❖ Static Electricity</li> </ul>
<ul style="list-style-type: none"> <li>❖ Forces and Motions</li> <li>❖ Friction and Gravity</li> <li>❖ Newton’s Laws of Motion</li> </ul>	<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>
<ul style="list-style-type: none"> <li>❖ Electromagnets and Magnetism</li> <li>❖ Electric Energy</li> <li>❖ Energy source and Conservation</li> </ul>	<ul style="list-style-type: none"> <li>❖ Heat Energy</li> <li>❖ Temperature – Celsius and Fahrenheit comparison</li> <li>❖ Graphing Temperatures</li> </ul>
<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>	<ul style="list-style-type: none"> <li>❖ Solar system , positions</li> <li>❖ Planet Peculiarities</li> <li>❖ Asteroids : the failed planet</li> </ul>
<ul style="list-style-type: none"> <li>❖ The Moon in motion</li> <li>❖ Phases of the moon</li> <li>❖ Inner and Outer solar system</li> </ul>	<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>
<ul style="list-style-type: none"> <li>❖ Geological Times , Natural Resources</li> <li>❖ Ocean Exploration and Resources</li> <li>❖ Charting the ocean , Ocean Tides</li> </ul>	<ul style="list-style-type: none"> <li>❖ Weather measurement and causes</li> <li>❖ Changes in weather and Climate</li> <li>❖ The pros and Cons of Climate</li> </ul>
<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>	<ul style="list-style-type: none"> <li>❖ Prehistoric World – early ages of Earth</li> <li>❖ Geological Ages , Dinosaurs , Cenozoic Age</li> <li>❖ Pangaea – Drifting Continents</li> </ul>
<ul style="list-style-type: none"> <li>❖ Technology – transportation and Communication</li> <li>❖ Computers and Robots</li> <li>❖ Nanotechnology</li> </ul>	<ul style="list-style-type: none"> <li>❖ Review, Q &amp; A, Bi-Weekly Test</li> </ul>