



<p style="text-align: center;">First Nine –Weeks- August 28- October 30  <u>Life Science</u>                  Structures &amp; Functions of Living Organisms  <u>Physical Science</u>                  Matter: Properties &amp; Change</p> <p><b>3.L.1-<u>Understand human body systems and how they are essential for life: Protection, movement and support</u></b>                  L.1.1- Compare <i>functions of skeletal muscular system</i>                  L.1.2- <i>Skin</i> is necessary for <i>protection</i> of the human body</p> <p><b>3.P.2-<u>Understand the structure and properties of matter before and after they undergo a change</u></b>                  P.2.1- <i>Air</i> is a substance that <i>takes up space and has mass</i>                  P.2.2- Compare <i>properties of liquids, solids, and gasses</i>                  P2.3- Summarize <i>changes of properties</i> of materials (<i>melting, boiling, freezing</i>)</p>	<p style="text-align: center;">Second Nine- Weeks- October 31-January 19  <u>Physical Science</u>  <u>Forces and Motion</u>                  Energy: Conservation and Transfer</p> <p><b>3.P.1- <u>Understand properties of solids and liquids and the changes they undergo.</u></b>                  P.1.1- Infer <i>changes in speed/direction</i> from forces acting on <i>an object</i>                  P.1.2- Compare <i>relative speeds</i> of objects that travel the same distance in different amounts of time                  P.1.3- Explain effect of <i>earth’s gravity</i> on motion on objects on or near earth</p> <p><b>3.P.3- <u>Understand properties of solids and liquids and the changes they undergo.</u></b>                  P.3.1- <i>Rubbing objects</i> together <i>transfers energy</i> from one object to another                  P.3.2--<i>Energy</i> can be transferred from a <i>warmer object to a cooler one</i>. The cooler object gets warmer</p>
<p style="text-align: center;">Third Nine- Weeks- January 22-March 27  <u>Earth Science</u>                  Earth in the Universe, Earth Systems, Structures and Processes</p> <p><b>3.E.1- <u>Recognize major components and patterns observed in the earth/moon/sun system</u></b>                  E.1.1-<i>Earth</i> is part of the <i>solar system</i> includes <i>sun, stars, planets and many moons</i>. Earth is the <i>3<sup>rd</sup> planet</i> from the sun                  E1.2- Changes in <i>shadows indicates changes in position of sun</i>. Patterns of <i>stars (Sun) stay the same</i></p> <p><b>3.E.2- <u>Compare structures of Earth’s surface using models/3D diagrams</u></b>                  E.1- Compare <i>saltwater and freshwater (ponds, oceans, seas, rivers, lakes, streams, glaciers)</i>                  E.2.2- Compare <i>Earth’s features (volcanoes, mountains, valleys, canyons, caverns and islands)</i> using models, pictures, diagrams and maps</p>	<p style="text-align: center;">Fourth Nine- Weeks-March 28-June 8  <u>Life Science</u>  <u>Ecosystems</u></p> <p><b>3.L.2- <u>Understand how plants survive in their environment</u></b>                  L.2.1-<i>Functions of plant structures</i></p> <ul style="list-style-type: none"> <li>• <i>Roots- absorb nutrients</i></li> <li>• <i>Stems- Provide Support</i></li> <li>• <i>Leaves- Synthesize food</i></li> <li>• <i>Flowers- attract pollinators/produce seeds for reproduction</i></li> </ul> <p>L.2.2- Environmental conditions determine <i>plant growth and survival</i>                  L.2.3-Stages of <i>life cycles of plants</i>                  L.2.4- <i>Properties (texture, capacity to hold water) and components (sand, clay, humus) of soil</i> determine ability to <i>support growth and survival of plants.</i></p>