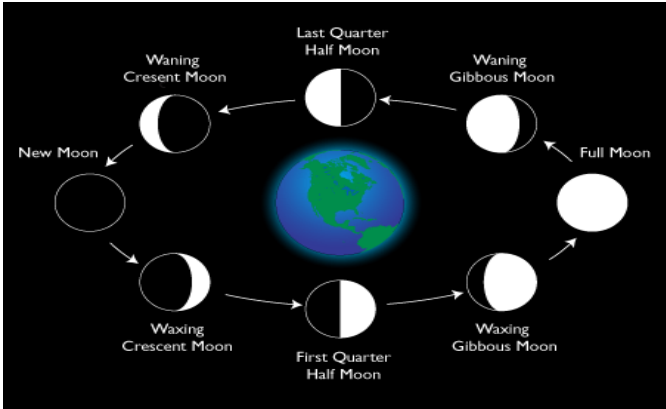

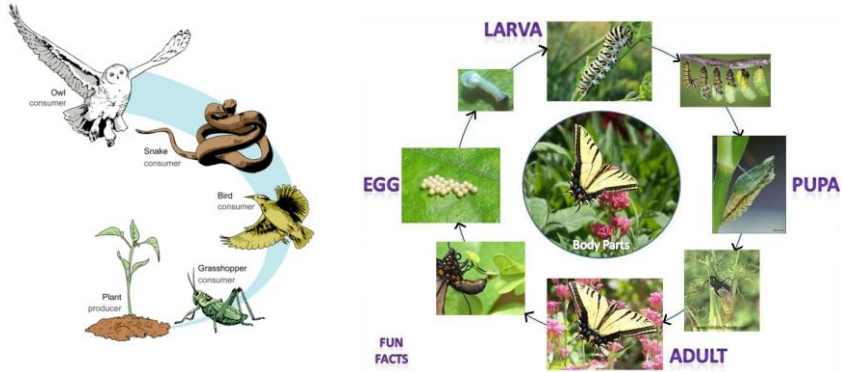


<p align="center"><b>1st Nine Weeks</b> August 22 – October 21</p>	<p align="center"><b>2nd Nine Weeks</b> October 24 – December 20</p>
<p><b><u>Work Like a Scientist</u></b></p> <ul style="list-style-type: none"> <li>• Identify what a scientist is and explore what different scientists do.</li> <li>• Identify and demonstrate safe practices as described in the Texas Safety Standards during classroom and outdoor investigations.</li> <li>• Describe the importance of safe practices.</li> </ul> <div data-bbox="732 334 1010 553" style="text-align: center;"> </div> <p><b><u>Energy (Light, Heat and Sound)</u></b></p> <ul style="list-style-type: none"> <li>• Investigate the effects on an object by increasing/decreasing amounts of light, heat, and sound energy</li> </ul> <div data-bbox="205 760 732 938" style="text-align: center;"> </div> <ul style="list-style-type: none"> <li>• Energy use in everyday life</li> <li>• Changes in materials caused by heating and cooling.</li> </ul> <p><b><u>Force and Motion</u></b></p> <ul style="list-style-type: none"> <li>• Use of magnets in everyday life.</li> <li>• Trace the changes in the position of an object over time.</li> <li>• Compare patterns of movements in objects.</li> </ul> <div data-bbox="842 1105 1003 1382" style="text-align: center;"> </div>	<p><b><u>Changes in Matter</u></b></p> <ul style="list-style-type: none"> <li>• Classify matter by physical properties *(shape, relative mass, relative temperature, texture, flexibility, color, solid/liquid)</li> </ul> <div data-bbox="1423 378 1633 557" style="text-align: center;"> </div> <div data-bbox="1707 337 1934 557" style="text-align: center;"> </div> <p><i>A liquid takes the shape of its container. It has a definite volume but no definite shape.</i></p> <ul style="list-style-type: none"> <li>• Combine materials that when put together can do things that they cannot do by themselves such as building a tower or a bridge and justify the selection of those materials based on their physical properties</li> <li>• Demonstrate changes of physical properties* by cutting, folding, sanding, melting, and combining.</li> </ul> <p><b><u>Weather &amp; Water Cycle</u></b></p> <ul style="list-style-type: none"> <li>• Measure, record, and graph weather information, and identify patterns in the data.</li> <li>• Identify the importance of weather and seasonal information to make choices in clothing, activities and transportation.</li> <li>• Explore the process of the water cycle as connected to weather condition</li> </ul> <div data-bbox="1205 1057 1728 1365" style="text-align: center;"> </div>

<p align="center"><b>3<sup>rd</sup> Nine Weeks</b> January 5 – March 10</p>	<p align="center"><b>4<sup>th</sup> Nine Weeks</b> March 20 – May 25</p>
<p><b><u>Earth and It's Resources</u></b></p> <ul style="list-style-type: none"> <li>• Observe and describe rocks by size, texture, and color.</li> <li>• Identify and compare the properties of natural sources of fresh water and salt water.</li> <li>• Distinguish between natural and manmade resources.</li> </ul> <p><b><u>Objects in the Sky</u></b></p> <ul style="list-style-type: none"> <li>• Observe, describe, and record patterns of objects in the sky (day/night).</li> <li>• Using data to find patterns in the moon's appearance</li> </ul> 	<p><b><u>Plant and Animal Needs/Characteristics</u></b></p> <ul style="list-style-type: none"> <li>• Identify basic needs of plants and animals</li> <li>• Identify factors in the environment that effect growth and behavior of living things.</li> <li>• Observe, record, and compare how physical characteristics of plants and animals help them meet their basic needs.</li> </ul>  <p><b><u>Life Cycles of Insects</u></b></p> <ul style="list-style-type: none"> <li>• Investigate and record the unique stages of insect life cycles</li> </ul> <p><b><u>Environments for Living Things</u></b></p> <ul style="list-style-type: none"> <li>• Compare and give examples of the ways living organisms depend on each other and on their environments.</li> <li>• Strategies for protecting the environment and how it impacts individual health such as air pollution and UV rays.</li> </ul> 

\*Health, Safety, Scientific Investigations and Reasoning Skills are integrated throughout the year as it applies to the content.