

Quarter 1	<p style="text-align: center;">Nature of Science</p> <ul style="list-style-type: none"><input type="checkbox"/> Define a problem and carry out a plan<input type="checkbox"/> Explain the difference between an investigation and an experiment<input type="checkbox"/> Recognize and explain the need for repeated trials<input type="checkbox"/> Identify a control group and explain its importance<input type="checkbox"/> Recognize an investigation does not always following the scientific method<input type="checkbox"/> Recognize the difference between an opinion and an observation<input type="checkbox"/> Recognize science is based on observation and can be tested<input type="checkbox"/> Recognize that evidence from investigations should be replicable by others
Quarter 2	<p style="text-align: center;">Physical Science</p> <ul style="list-style-type: none"><input type="checkbox"/> Compare and contrast the basic properties of matter<input type="checkbox"/> Investigate materials that will dissolve in water and those that will not<input type="checkbox"/> Demonstrate mixtures of solids can be separated by observable properties<input type="checkbox"/> Explore the scientific theory of Atoms<input type="checkbox"/> Investigate how physical and chemical changes are affected by temperature<input type="checkbox"/> Investigate basic forms of energy<input type="checkbox"/> Investigate that energy causes motion and creates change<input type="checkbox"/> Investigate how electrically charged objects can attract or repel<input type="checkbox"/> Investigate the transfer of electrical energy to other forms of energy<input type="checkbox"/> Investigate the flow of energy in a closed circuit<input type="checkbox"/> Identify and classify insulators and conductors of electricity<input type="checkbox"/> Identify familiar forces that cause objects to move<input type="checkbox"/> Investigate how the amount of force affects the motion<input type="checkbox"/> Investigate the effect of mass on an objects motion<input type="checkbox"/> Investigate and explain balanced forces

Quarter 3	<p style="text-align: center;">Earth Science</p> <ul style="list-style-type: none"><input type="checkbox"/> Recognize the Milky Way as our home galaxy and what a galaxy consists of<input type="checkbox"/> Recognize the major characteristics of planets<input type="checkbox"/> Distinguish among the different objects in the Solar System<input type="checkbox"/> Create a model of the water cycle<input type="checkbox"/> Recognize the ocean is a large part of the water cycle<input type="checkbox"/> Recognize how to determine the weather in a particular place<input type="checkbox"/> Distinguish between the various forms of precipitation<input type="checkbox"/> Recognize the weather differences in diverse environments<input type="checkbox"/> Describe characteristics of climate zones<input type="checkbox"/> Design a natural disaster family preparedness plan
Quarter 4	<p style="text-align: center;">Life Science</p> <ul style="list-style-type: none"><input type="checkbox"/> Identify the organs in the human body and their functions<input type="checkbox"/> Compare and contrast plant and animal organ functions<input type="checkbox"/> Describe how differences in plants and animals impact their survival<input type="checkbox"/> Compare and contrast adaptations of plants and animals that enable them to survive