

## Grade 3 Report Card – Parent Support SCIENCE

### Marking Period Expectations for Standards Based Report Card

Order of Units

1. Weather, Climate and Water Cycle
2. Life Cycles, Traits Adaptation
3. Habitats, Change, Heredity
4. Forces, Motion, Magnetism & Gravity

	Standards	Marking Period 1 Expectations	Marking Period 2 Expectations	Marking Period 3 Expectations
<p><b>Scientific Inquiry:</b> Understands that scientific inquiry is the process of predicting, planning, conducting, observing, describing and classifying information.</p>	<p><b>3.PS2.1:</b> Plan and conduct an investigation to provide evidence.</p> <p><b>3.PS2.2:</b> Make observations and/or measurements.</p>	<ul style="list-style-type: none"> <li>● Describes scientific materials</li> <li>● Collects and uses investigations to predict outcomes</li> <li>● Observe and describe scientific results.</li> </ul>	<ul style="list-style-type: none"> <li>● Classifies information based on scientific information</li> <li>● Predict, observe, describe and record results of scientific tests</li> </ul>	<ul style="list-style-type: none"> <li>● Analyze and draw conclusions from results of test</li> <li>● Plans follow-up investigation based on previous results</li> </ul>
<p><b>Scientific Literacy:</b> Demonstrates scientific literacy through listening, speaking, presenting, reading and writing about science.</p>	<p><b>3.ESS2.2-</b> Obtain and combine information from books and other reliable media to explain phenomena.</p> <p><b>3.LS2.1-</b> Construct an argument with evidence, data, and/or a model.</p>	<ul style="list-style-type: none"> <li>● Differentiate between facts and inferences</li> <li>● Read and discuss scientific information from books, magazines, internet, or handouts</li> </ul>	<ul style="list-style-type: none"> <li>● Read and summarize scientific information from books, magazines, internet, or handouts</li> <li>● Revise predictions or explanations on the basis of learning new knowledge</li> </ul>	<ul style="list-style-type: none"> <li>● Monitor and reflect on one’s knowledge regarding how ideas change over time</li> <li>● Compare and contrast scientific information from two or more books, magazines, internet, or handouts</li> </ul>

<p><b>Scientific Numeracy:</b> Understands that measurement and mathematics provide useful tools for accurately collecting data. Is able to use data to draw conclusion of scientific processes and ideas.</p>	<p><b>3.ESS2.1-</b> Represent data in tables and various graphical displays (bar graphs and pictographs) to reveal patterns that indicate relationships.</p>	<ul style="list-style-type: none"> <li>• Read and/or create tables and graphs</li> <li>• Display, interpret and compare data</li> </ul>	<ul style="list-style-type: none"> <li>• Measure, gather, and share evidence using tools and technologies</li> <li>• Drawing conclusions based on results from data results</li> </ul>	<ul style="list-style-type: none"> <li>• Measure, gather, evaluate, and share evidence using tools and technologies</li> <li>• Identify patterns in data results</li> </ul>
<p><b>Scientific Content:</b> Grasps concepts presented during trimester.</p>	<p><b>3.PS2.1:</b> Plan and conduct an investigation to provide evidence.</p> <p><b>3.PS2.2:</b> Make observations and/or measurements.</p> <p><b>3.ESS2.2-</b> Obtain and combine information from books and other reliable media to explain phenomena.</p> <p><b>3.LS2.1-</b> Construct an argument with evidence, data, and/or a model.</p> <p><b>3.ESS2.1-</b> Represent data in tables and various graphical displays (bar graphs and pictographs) to</p>	<ul style="list-style-type: none"> <li>• Make and validate predictions</li> <li>• Makes observations based on concepts presented</li> <li>• Apply scientific concepts taught to real world situation</li> </ul>	<ul style="list-style-type: none"> <li>• Make and validate predictions</li> <li>• Makes and records observations based on concepts presented</li> <li>• Implement a planned investigation</li> <li>• Apply scientific concepts taught to real world situation</li> </ul>	<ul style="list-style-type: none"> <li>• Make and validate predictions</li> <li>• Present evidence to interpret and/or predict</li> <li>• Identify evidence within a model to support observations and conclusions</li> <li>• Apply scientific concepts taught to real world situation</li> </ul>

	reveal patterns that indicate relationships.			
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