

Campbell County Schools
First Grade – Science
4th Nine Weeks-at-a-Glance

The following skills should be the focus for this Nine Weeks:

Ongoing	
Embedded Inquiry	<p>GLE 0107.Inq.1 Observe the world of familiar objects using the senses and tools.</p> <ul style="list-style-type: none"> ✓ 0107.Inq.1 Use senses and simple tools to make observations. <p>GLE 0107.Inq.2 Ask questions, make logical predictions, plan investigations, and represent data.</p> <ul style="list-style-type: none"> ✓ 0107.Inq.2 Communicate interest in simple phenomena and plan for simple investigations. <p>GLE 0107.Inq.3 Explain the data from an investigation.</p> <ul style="list-style-type: none"> ✓ 0107.Inq.3 Communicate understanding of simple data using age-appropriate vocabulary. ✓ 0107.Inq.4 Collect, discuss, and communicate findings from a variety of investigations.
Embedded Technology and Engineering	<p>GLE 0107.T/E.1 Recognize that both natural materials and human-made tools have specific characteristics that determine their use.</p> <ul style="list-style-type: none"> ✓ 0107.T/E.1 Explain how simple tools are used to extend the senses, make life easier, and solve everyday problems. <p>GLE 0107.T/E.2 Apply engineering design and creative thinking to solve practical problems.</p> <ul style="list-style-type: none"> ✓ 0107.T/E.2 Invent designs for simple products. ✓ 0107.T/E.3 Use tools to measure materials and construct simple products.
Standard 9: Matter	
Properties of Matter	<p>GLE 0107.9.1 Classify objects according to their physical properties.</p> <ul style="list-style-type: none"> ✓ 0107.9.1 Classify solids according to their size, shape, color, texture, hardness, ability to change shape, magnetic attraction, whether they sink or float, and use.
States of Matter	<p>GLE 0107.9.2 Distinguish between the properties of solids and liquids.</p> <ul style="list-style-type: none"> ✓ 0107.9.2 Compare liquids according to their color, ability to flow, solubility in water, and use.
Interactions of Matter	<p>GLE 0107.9.3 Predict the changes that may occur when different materials are mixed.</p> <ul style="list-style-type: none"> ✓ 0107.9.3 Investigate and describe the results of mixing different substances such as salt and pepper, water and sand, water and oil, and water and salt.
Standard 10: Energy	
Heat & Light	<p>GLE 0107.10.1 Investigate the effect of the sun on land, water, and air.</p> <ul style="list-style-type: none"> ✓ 0107.10.1 Predict and determine what happens over the course of a school day when containers of sand, soil, and water with thermometers are placed in a sunny window. ✓ 0107.10.2 Predict and determine what happens over the course of a school day when containers of sand, soil and water with thermometers are placed in a shady location. ✓ 0107.10.3 Compare the temperature at different places around the school such as black top driveway, lawn, concrete areas, side of the building, under a shade tree, wet area, in the ground.
Standard 11: Motion	
Motion	<p>GLE 0107.11.1 Investigate how forces (push, pull) can move an object or change its direction.</p> <ul style="list-style-type: none"> ✓ 0107.11.1 Use familiar objects to explore how the movement can be changed. ✓ 0107.11.2 Investigate and explain how different surfaces affect the movement of an object.
Standard 12: Forces In Nature	
Magnetism	<p>GLE 0107.12.1 Investigate materials that are attracted to magnets.</p> <ul style="list-style-type: none"> ✓ 0107.12.1 Identify and classify objects in the classroom as magnetic or non-magnetic. ✓ 0107.12.2 Make predictions about how various objects will be affected by a magnet.