

Grade 1 Science	First Six Weeks
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Science Objectives	Sample Essential Questions
<p>3.01 Describe the differences in the properties of solids and liquids.</p> <p>3.02 Investigate several way in which objects can be described, sorted or classified.</p> <p>3.03 Classify solids according to their properties:</p> <ul style="list-style-type: none"> • Color • Texture • Shape (ability to roll or stack) • Ability to float or sink in water <p>3.04 Determine the properties of liquids:</p> <ul style="list-style-type: none"> • Color • Ability to float or sink in water • Tendency to flow <p>3.05 Observe mixtures including:</p> <ul style="list-style-type: none"> • Solids with solids • Liquids with liquids • Solids with liquids 	<p>How are the properties of solids and liquids different?</p> <p>In what way can objects be sorted or grouped?</p> <p>In what ways can solids be grouped?</p> <p>In what ways can liquids be sorted or groups?</p> <p>What happens when you mix ____ with ____?</p>

Grade 1 Science		Second Six Weeks
Science Objectives	Sample Essential Questions	
<p>4.01 Describe different ways in which objects can be moved.</p> <p>4.02 Observe that movement of an object can be affected by pushing or pulling.</p> <p>4..03 Investigate and observe that object can move steadily or change direction.</p>	<p>How can objects move?</p> <p>What happens when an object is pushed or pulled?</p> <p>What might cause the objects to change directions as it moves?</p>	

Grade 1 Science	Third Six Weeks
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Science Objectives	Sample Essential Questions
4.04 Observe and describe balance as a function of position and weight.	
4.05 Describe and observe systems that are unstable and modify them to reach equilibrium.	

Grade 1 Science	Fourth Six Weeks
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Science Objectives	Sample Essential Questions
<p>2.01 Describe and sort a variety of earth materials based on their properties:</p> <ul style="list-style-type: none"> • Color • Hardness • Shape • Size <p>2.02 Describe rocks and other earth materials in more than one way using student-made rules.</p> <p>2.03 Observe the various components that combine to make soil.</p> <p>2.04 Compare the components of soil samples from different places.</p> <p>2.05 Explore where useful earth materials are found and how they are used.</p>	<p>How can rocks and minerals be sorted or grouped using their physical properties?</p> <p>How can you describe rocks and other earth materials?</p> <p>What is combined to make soil?</p> <p>How is one soil different from another?</p> <p>Where are rocks and soil found? How are rocks and soil used?</p>

Grade 1 Science	Fifth Six Weeks
Science Objectives	Sample Essential Questions
<p>1.02 Investigate the needs of a variety of different animals:</p> <ul style="list-style-type: none"> • Air • Water • Food • Shelter • Space <p>1.03 Observe the ways in which humans are similar to other organisms.</p> <p>1.04 Identify local environments that support the needs of common North Carolina plants and animals.</p> <p>1.05 Discuss the wide variety of living things on Earth.</p>	<p>What are the basic needs of animals?</p> <p>How are humans similar to plants and animals?</p> <p>How would you describe local life environments in North Carolina?</p> <p>What are some living things on Earth?</p>

Grade 1 Science	Sixth Six Weeks
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Science Objectives	Sample Essential Questions
<p>1.01 Investigate the needs of a variety of different plants:</p> <ul style="list-style-type: none"> • Air • Water • Light • Space <p>1.03 Observe the ways in which humans are similar to other organisms.</p> <p>1.04 Identify local environments that support the needs of common North Carolina plants and animals.</p> <p>1.05 Discuss the wide variety of living things on Earth.</p>	<p>What are the basic needs of plants? Why are these needs essential?</p> <p>How are humans similar to plants and animals?</p> <p>How would you describe local life environments in North Carolina?</p> <p>What are some living things on Earth?</p>