

Standard Division Document School Year 2017-2018
Course :First Grade Science

| Standard | First Nine Weeks | Second Nine Weeks | Third Nine Weeks | Fourth Nine Weeks |
|--|---|--|------------------|-------------------|
| <p>1.P.1 Understand how forces (pushes or pulls) affect the motion of an object.</p> | <p>1.P.1.1 Explain the importance of a push or pull to changing the motion of an object.</p> <p>1.P.1.2 Explain how some forces (pushes and pulls) can be used to make things move without touching them, such as magnets.</p> <p>1.P.1.3 Predict the effect of a given force on the motion of an object, including balanced forces.</p> | | | |
| <p>1.E.1 Recognize the features and patterns of the earth/moon/sun system as observed from Earth.</p> | | <p>1.E.1.1 Recognize differences in the features of the day and night sky and apparent movement of objects across the sky as observed from Earth</p> <p>1.E.1.2 Recognize patterns of observable changes in the Moon's appearance from day to day.</p> | | |

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| <p>1.E.2 Understand the physical properties of Earth materials that make them useful in different ways.</p> | | | <p>1.E.2.1 Summarize the physical properties of Earth materials, including rocks, minerals, soils and water that make them useful in different ways.</p> <p>1.E.2.2 Compare the properties of soil samples from different places relating their capacity to retain water, nourish and support the growth of certain plants.</p> | |
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| <p>1.L.1 Understand characteristics of various environments and behaviors of humans that enable plants and animals to survive.</p> | | | | <p>1.L.1.1 Recognize that plants and animals need air, water, light (plants only), space, food and shelter and that these may be found in their environment.</p> <p>1.L.1.2 Give examples of how the needs of different plants and animals can be met by their environments in North Carolina or different places throughout the world.</p> <p>1.L.1.3 Summarize ways that humans protect their environment and/or improve conditions for the growth of the plants and animals that live there. (e.g., reuse or recycle products to avoid littering.)</p> |
| <p>1.L.2 Summarize the needs of living organisms for energy and growth.</p> | | | <p>1.L.2.1 Summarize the basic needs of a variety of different plants (including air, water, nutrients, and light) for energy and growth.</p> <p>1.L.2.2 Summarize the basic needs of a variety of different animals (including air, water, and food) for energy and growth</p> | |