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

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| **1.E.2 Understand the physical properties of Earth materials that make them useful in different ways.** |  |  | **1.E.2.1** Summarize the physical properties of Earth materials,  including rocks, minerals, soils and water that make them  useful in different ways.  **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. |  |

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| **1.L.1 Understand characteristics of various environments and behaviors of humans that enable plants and animals to survive.** |  |  | **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.  **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.  **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.) | **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.  **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.  **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.) |
| **1.L.2 Summarize the needs of living organisms for energy and growth.** |  |  | **1.L.2.1** Summarize the basic needs of a variety of different plants  (including air, water, nutrients, and light) for energy and  growth.  **1.L.2.2** Summarize the basic needs of a variety of different animals  (including air, water, and food) for energy and growth | **1.L.2.1** Summarize the basic needs of a variety of different plants  (including air, water, nutrients, and light) for energy and  growth.  **1.L.2.2** Summarize the basic needs of a variety of different animals  (including air, water, and food) for energy and growth |