



# Physical Sciences

Properties of materials can be observed, measured and predicted. As a basis for understanding this concept:

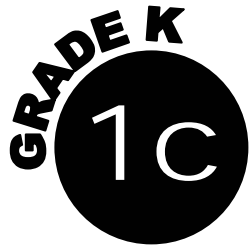
Students know objects can be described in terms of the materials they are made of (e.g., clay, cloth, paper) and their physical properties (e.g., color, size, shape, weight, texture, flexibility, attraction to magnets, floating, sinking).



# Physical Sciences

Properties of materials can be observed, measured and predicted. As a basis for understanding this concept:

Students know water can be a liquid or a solid and can be made to change back and forth from one form to the other.



# Physical Sciences

Properties of materials can be observed, measured and predicted. As a basis for understanding this concept:

Students know water left in an open container evaporates (goes into the air), but water in a closed container does not.



# Life Sciences

Different types of plants and animals inhabit the Earth. As a basis for understanding this concept:

Students know how to observe and describe similarities and differences in the appearance and behavior of plants and animals (e.g., seed-bearing plants, birds, fish, insects).



## Life Sciences

Different types of plants and animals inhabit the Earth. As a basis for understanding this concept:

Students know stories sometimes give plants and animals attributes they do not really have.



## Life Sciences

Different types of plants and animals inhabit the Earth. As a basis for understanding this concept:

Students know how to identify major structures of common plants and animals (e.g., stems, leaves, roots, arms, wings, legs).

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## Earth Sciences

The Earth is composed of land, air and water. As a basis for understanding this concept:

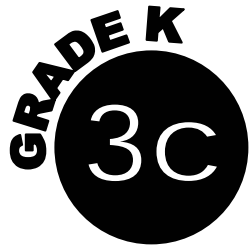
Students know characteristics of mountains, rivers, oceans, valleys, deserts, and local landforms.



# Earth Sciences

The Earth is composed of land, air and water. As a basis for understanding this concept:

Students know changes in weather occur from day to day and across seasons, affecting the Earth and its inhabitants.



# Earth Sciences

The Earth is composed of land, air and water. As a basis for understanding this concept:

Students know how to identify resources from the Earth that are used in everyday life and understand that many resources can be conserved.



## Investigation and Experimentation

Scientific progress is made by asking meaningful questions and conducting careful investigations. As a basis for understanding this concept, and addressing the content in the other three strands, students should develop their own questions and perform investigations.

Students will observe common objects  
using the five senses.



## Investigation and Experimentation

Scientific progress is made by asking meaningful questions and conducting careful investigations. As a basis for understanding this concept, and addressing the content in the other three strands, students should develop their own questions and perform investigations.

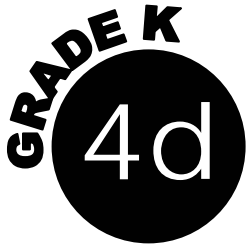
Students will describe the properties of common objects.



## Investigation and Experimentation

Scientific progress is made by asking meaningful questions and conducting careful investigations. As a basis for understanding this concept, and addressing the content in the other three strands, students should develop their own questions and perform investigations.

Students will describe the relative position of objects using one reference (e.g., above or below).



## Investigation and Experimentation

Scientific progress is made by asking meaningful questions and conducting careful investigations. As a basis for understanding this concept, and addressing the content in the other three strands, students should develop their own questions and perform investigations.

Students will compare and sort common objects based on one physical attribute (e.g., color, shape, texture, size, weight).



# Investigation and Experimentation

Scientific progress is made by asking meaningful questions and conducting careful investigations. As a basis for understanding this concept, and addressing the content in the other three strands, students should develop their own questions and perform investigations.

Students will communicate observations orally and through drawings.