

NGSS Correlations

Mineral Sorting Kit RM-6

Elementary

2-PS1-1

Students can use Mineral Sorting Kit to plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.

2-ESS1-1

Students can make observations of the minerals in the Mineral Sorting Kit and use information from media to construct an evidence-based account that Earth events can occur quickly or slowly.

5-PS1-3

Students can use the minerals in the Mineral Sorting Kit to make observations and measurements to identify materials based on their properties.

Suggested Science Idea(s)

2-PS1-1

5-PS1-3

Students can make observations and sort the minerals in the Mineral Sorting Kit. They can describe and classify different kinds of materials by their observable properties.

2-ESS1-1

Students can make observations on the minerals in the Mineral Sorting Kit to look for crystals. If there are well-formed, large crystals, the rock shows evidence of a slow process. Small crystals show evidence of faster cooling.

Middle School

MS-ESS2-1

Students can make observations of minerals in the Mineral Sorting Kit as part of an investigation to develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process.

High School

HS-ESS1-5

Students can make observations of minerals in the Mineral Sorting Kit of the past and current movements of continental and oceanic crust and the theory of plate tectonics to explain the ages of crustal rocks.

MS-ESS2-1

HS-ESS1-5

Students can make observations of the minerals in the Mineral Sorting Kit as part of a study of Earth's geologic history.

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