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Scientific Method

Ask questions, test the answers, do it again.

That's the process scientists use when they tackle a problem

Observations lead to a question. Possible answers are called **hypotheses**. You can test these in many ways such as with an experiment, a mathematical analysis, creating a model, and more observation.

Next the scientist **analyze** their results to come to a **conclusion** that supports or rejects their hypothesis.

Sometimes this process leads to new observations which lead to new questions.

Experiments need to be repeatable by other teams to see if they get the same results. A hypothesis that repeatedly is validated (found to be true in testing) can become a scientific theory.

Scientists are always observing, questioning, and repeating experiments to keep learning!



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Geology Rocks

Scientific Concept: Geology

Recommended Ages: 6 to 10

Scientific Practice: Observation, Analysis

ABOUT THIS KIT

This kit includes a set of rocks and fossils to help learn to identify minerals. Have some hands-on fun sorting the rocks on the included mineral mat. And try out some of the great experiments for geology.

Please note: contains choking hazards, keep away from children under three years of age.

Please note: this kit must be returned to a staff member at the Kenai Community Library .



Kit Contents & Replacement Costs

Item Type	Description	Cost
Object	National Geographic Rocks Fossils & Minerals Kit with identification poster, and learning guide	\$25
Object	Constructive Playthings Set of 10 Minerals	\$18
Object	Magnifying Glass	\$5
Book	<i>Ultimate Rockopedia</i>	\$20
Book	<i>Geology Lab for Kids</i>	\$15
Book	<i>Little Kids First Big Book: Rocks, Minerals, & Shells</i>	\$15
Book	<i>Absolute Expert Rocks and Minerals</i>	\$15
Packaging & Processing Fee:		\$25
Total Kit Replacement Cost:		\$138



Please verify all parts are present before returning.

