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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!



Astronomy Solar System

Scientific Concept:	Astronomy
Recommended Ages:	3 to 6
Scientific Practice:	Observation

WHAT TO KNOW ABOUT THIS KIT

Learn about the position, order, size, and shape of the planets using inflatable models. Project real images of our solar system including stars, planets and galaxies. Explore the stars in the science reader packed with NASA photos and space facts.

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



Kit Contents & Replacement Costs

Item Type	Description	Cost
Object	Learning Resources Giant Inflatable Solar System	\$50
Object	Learning Resources Shining Stars Projector	\$15
Object	Qurious Space STEM Flash Card Game	\$16
Book	<i>Space: Planets, Moons, Stars, and More!</i>	\$5
Packaging & Processing Fee:		\$25
Total Kit Replacement Cost:		\$111



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**Please verify all parts are present
before returning.**

