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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 scientists **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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Anatomy

Scientific Concept: Human Anatomy

Recommended Ages: 6 to 12

Scientific Practice: Observation, Analysis

What to Know About This Kit

This kit includes a human anatomy model for you to dissect and learn about the various organs. It also includes a stethoscope for you to listen to your own heart, lungs, and digestive systems.

We encourage you to also practice taking your own pulse at your neck or wrist and measuring and recording that data.

We recommend you have your own stopwatch or timer for this. (Check your phone for one!)

Please note: This kit must be returned to a **staff member at an Anchorage Public Library** location.



Kit Contents & Replacement Costs		
Item Type	Description	Cost
Object	Human Body Model (with dissection tools)	\$30
Object	Stethoscope	\$25
Booklet	Squishy Human Body by Smart Lab	n/a
Poster	Body Part Organizer	n/a
Poster	Squishy Human Body Model: Read This	n/a
Book	<i>Ultimate Bodypedia</i> by Patricia Daniels	\$25
Book	<i>First Human Body Encyclopedia</i> by DK	\$17
Packaging & Processing Fee:		\$25
Total Kit Replacement Cost:		\$122



Please verify all parts are present before returning.