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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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# 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 various organs. It also includes a stethoscope for you to listen to your own heart, lungs, and digestive system.

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 the Kenai Community 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 Model: Read This	n/a
Book	Ultimate Bodypedia by Patricia Daniels	\$25
Book	First Human Body Encyclopedia by DK	\$17
<b>Packaging &amp; Processing Fee:</b>		\$25
<b>Total Kit Replacement Cost:</b>		\$122



Please verify all parts are present before returning.

