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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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Tiger Anatomy

Scientific Concept: Animal Anatomy

Recommended Ages: 8 to 12

Scientific Practice: Observation, Analysis

What to know about this kit:

This kit includes a tiger anatomy model for you to dissect and learn about the various organs. As you put together the model think about how the tiger's anatomy compares to human anatomy. What things seem to be the same, and what things seem to be different?

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	Tiger Anatomy Model (28 pieces)	\$28
Book	<i>Tiger Time</i>	\$10
Book	<i>National Geographic Kids Mission: Tiger Rescue: All About Tigers and How to Save Them</i>	\$12
Packaging & Processing Fee:		\$25
Total Kit Replacement Cost:		\$75



Please verify all parts are present before returning.