

## Dinosaur Anatomy: T-Rex

Scientific Concept: Dinosaur Anatomy

Recommended Ages: 8 to 12

Scientific Practice: Observation, Analysis

### What to Know About This Kit

This kit includes a T-Rex model for you to dissect and assemble to learn about the various organs. As you put together the model, think about how the dinosaur's anatomy compares to human anatomy. Which parts are similar and which are different? Why?

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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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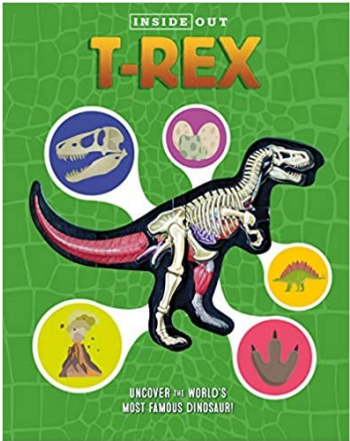
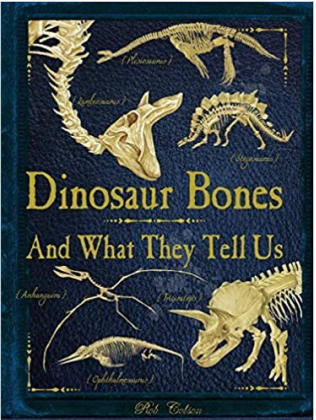


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*Please note: This kit must be returned to a staff member at an Anchorage Public Library location.*



Kit Contents & Replacement Costs		
Item Type	Description	Cost
Object	Dinosaur anatomy model	\$50
Guide	Kit guide	\$2
Book	<i>Dinosaur Bones and What They Tell Us</i> by Rob Colson	\$15
Book	<i>Inside Out T-Rex</i> by Dennis Schatz	\$13
Packaging & Processing Fee:		\$25
<b>Total Kit Replacement Cost:</b>		<b>\$105</b>



Please verify all parts are present before returning.