



Tracking Clues

What can you learn about an object from the tracks it makes?

Predict what kind of clues the tracks will provide.

My Predictions

My Observations

Draw what the tracks look like on your paper. Label what made each track.

What were you able to infer from the other group's tracks?

Create Explanations

1. What can you learn about an object from the tracks it makes?

2. Are there different ways of interpreting the clues? Explain.

3. What other objects could you use to make tracks so you could study them more easily?



More Clues from Model Fossils

How can you make a model of a fossil?

Predict which objects will be the best to use to make model fossils.

My Predictions

My Procedure

List the steps you will take to create your model fossil.

My Observations

Describe or draw what observations you made about the fossil models.

Create Explanations

What did you learn?

**Structured Inquiry**

Dinosaur Digs

What can you learn from putting together a skeleton?

Step 1 Your teacher will give you a page of mixed-up dinosaur fossil bones. Cut out the bones.

Step 2 The bones of dinosaur fossils are usually jumbled when scientists find them. They put the bones together to figure out what the dinosaur looked like. Put them together the way you think they fit.

Step 3 Give your dinosaur a name. **Compare** your dinosaur with the information below to learn more about your dinosaur.

sharp, pointed teeth—ate meat
blunt, rounded, or flat teeth—ate plants
walked on two legs—could run fast
walked on four legs—could not run fast

Your Group Needs

- dinosaur bones page
- scissors
- white glue or tape

Create Explanations

1. What can you learn from putting together a skeleton?
2. Why did each person's dinosaur look different?
3. What can you tell about how your dinosaur lived?

My Predictions

Predict what you will learn from your dinosaur.

My Observations

Put together your dinosaur bones. Glue or tape them in place.



My Observations (continued)

Write or draw your observations below.

Create Explanations

1. What can you learn from putting together a skeleton?

2. Why did each person's dinosaur look different?

3. What can you tell about how your dinosaur lived?



Earth's Land, Air, and Water

While we don't know exactly how the land looked before the Flood, we do know that water covered all the land on Earth. The rushing flood waters carved the land and made different landforms. Draw what the land may have looked like after the end of the Flood.

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Parent Signature: _____ Date: _____