

Be a Time Traveler!

Procedure

1. **Collaborate** Work in a small group. Gather your fossil samples and a hand lens. Record your observations in the chart below.

	Fossil A	Fossil B	Fossil C
Shape			
Size			
Other details			
Name of organism			

2. **Observe** Look closely at Fossil A. Use the hand lens to see more detail.
3. **Record Data** Record your observations about Fossil A in your chart. Include its shape, size, and other visible details.
4. **Infer** Using your observations of Fossil A and what you already know about fossils, decide which modern organism the fossil most closely resembles. Write the name of that organism in your chart.
5. **Observe** Repeat steps 2 to 4 for Fossils B and C.

Conclusion

Write the answers to the questions below.

1. **Classify** Classify each fossil as a plant or an animal. Describe the evidence that supports your classification.

2. **Infer** Based on what you know about organisms that resemble the fossils, what additional information can you infer about the organism that left the fossil?

Investigate More!

Research What types of fossils are found in your state or region? Contact an expert at a local science museum or university or visit Internet sites. Find out what these fossils reveal about changes on Earth.