

# Impact: The End of the Age of Dinosaurs

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## BACKGROUND FOR EDUCATORS

### Overview of Student Worksheets

Using worksheets, students visit four areas in the exhibition to observe the features of different animals from different time periods in Earth's history.

These observations help students experience a **natural phenomenon**: Animals, including dinosaurs and mammals, have different kinds of specialized body parts. This phenomenon can serve as an anchoring point in discovery and discussion as the students explore the **investigation question**: How did animals use their body parts to live in their environments?

### Extension Ideas

Back in the classroom, students apply what they learned about structure and function. Students draw an animal that they think best represents each time period (before the asteroid impact; after the asteroid impact; today). They then make a collage of the animals they drew. As a class, students discuss how animals are similar or different before and after the asteroid impact.

### Correlation to Standards

This activity supports the following Next Generation Science Standards:

<b>Disciplinary Core Ideas</b>	<b>LS1.A: Structure and Function</b> Animals have both internal and external structures that serve various functions in growth, survival, behavior, and reproduction.
<b>Crosscutting Concepts</b>	<b>Structure and Function</b> The way in which an object or living thing is shaped and its substructure determine many of its properties and functions.
<b>Science and Engineering Practices</b>	<b>Construct Explanations</b> Use evidence (e.g., measurements, observations, patterns) to construct or support an explanation.