



Introduction

Welcome to the Dinosaurs and Prehistoric Life diagnostic assessment! This 30-minute activity is designed to evaluate your prior knowledge and understanding of basic dinosaur types, habitats, characteristics, and the concept of extinction.

Section 1: Multiple Choice Questions

Choose the correct answer for each question.

1. What was the main food source for herbivorous dinosaurs?
- a. Plants and fruits
 - b. Meat and fish
 - c. Insects and small animals
 - d. None of the above

2. Which of the following dinosaurs was known for its long neck and tail?
- a. Tyrannosaurus Rex
 - b. Stegosaurus
 - c. Diplodocus
 - d. Velociraptor

3. What is the term for the study of fossils?
- a. Paleontology
 - b. Geology
 - c. Biology
 - d. Archaeology

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4. Which dinosaur was known for its distinctive crest on its head?
- a. Parasaurolophus
 - b. Triceratops
 - c. Corythosaurus
 - d. Othnielia

5. What happened to the dinosaurs at the end of the Cretaceous period?

- a. They evolved into new species
- b. They migrated to a new continent
- c. They became extinct
- d. They hibernated for millions of years

Section 2: Short Answer Questions

Answer each question in complete sentences.

1. Describe the difference between a carnivorous and herbivorous dinosaur. (5 points)

2. What were some of the key characteristics of the Tyrannosaurus Rex? (5 points)

3. Describe the habitat of the Stegosaurus. (5 points)

4. What is the concept of extinction, and how does it relate to dinosaurs? (5 points)

5. Imagine you are a paleontologist on a dig. Describe what you might find and how you would excavate a dinosaur fossil. (10 points)

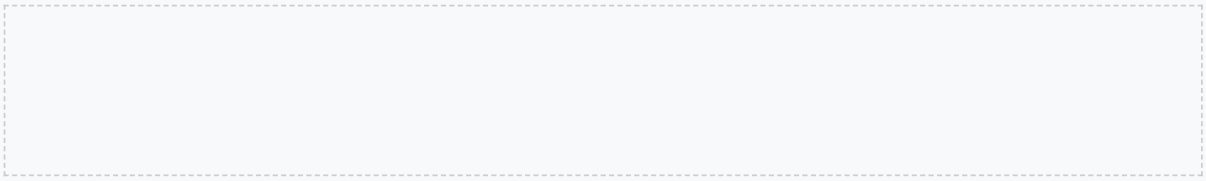
Section 3: Image-Based Identification

Identify the dinosaur in each picture and provide a brief description.

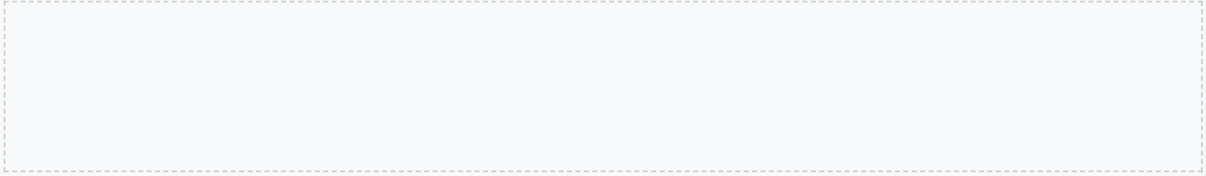
1. [Image of a Tyrannosaurus Rex]

2. [Image of a Stegosaurus]

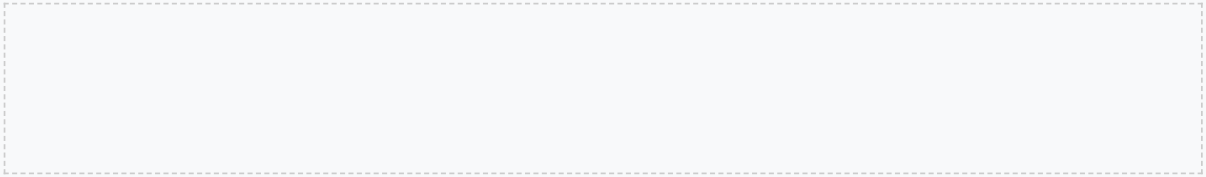
3. [Image of a dinosaur nest]



4. [Image of a Diplodocus]



5. [Image of a Parasaurolophus]



Activity 1: Dinosaur Habitat Diorama

Create a diorama of a dinosaur habitat using a shoe box or a rectangular container. Include the following elements:

- A dinosaur model or drawing
- Plants and trees
- Rocks and soil
- Water source (e.g., river, lake, or ocean)

[Space for diorama description]

Activity 2: Dinosaur Food Chain

Create a food chain diagram showing the relationships between different dinosaurs and their food sources. Include the following elements:

- Producer (plants)
- Primary consumer (herbivorous dinosaur)
- Secondary consumer (carnivorous dinosaur)
- Decomposer (e.g., insects, bacteria)

[Space for food chain diagram]

Conclusion

Congratulations on completing the Dinosaurs and Prehistoric Life diagnostic assessment! Review your answers and reflect on what you learned.

1. What did you find interesting or challenging?

2. What would you like to learn more about?

Assessment Rubric

The assessment is designed to be completed within 30 minutes. The activities and questions are meant to be fun and engaging while evaluating your knowledge and understanding of Dinosaurs and Prehistoric Life.

- Multiple Choice Questions: 1 point each
- Short Answer Questions: 5 points each (based on clarity, accuracy, and completeness of response)
- Image-Based Identification: 2 points each (1 point for correct identification, 1 point for additional information or description)

