

Dinosaur and Bird Anatomy



Part 1.

Instructions: Watch the Feathered Dinosaurs video, and then answer the questions.

1. What do the dinosaur fossils found in Siberia indicate?

2. What do we know about Middle Jurassic fossils?

3. What can we infer about the purpose of feathers in dinosaurs?

Name:

Date:

Part 2.

Instructions: Read the sections “The Earliest Dinosaurs,” “The Saurischia—Lizard-Hipped Dinosaurs,” “The Ornithischia—Bird-Hipped Dinosaurs,” and “Dinosaurs and Birds” from the Dinosaur article, and then answer the questions.

- 1. How are dinosaurs classified into Saurischia and Ornithischia?

- 2. Complete the table below to compare and contrast the Sauropodomorpha and Theropoda groups of dinosaurs.

| Feature | Sauropodomorpha | Theropoda |
|---------|-----------------|-----------|
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| | | |
| | | |

- 3. What are the characteristics of the Cerapoda and Thyreophora groups of dinosaurs?

- 4. What evidence links dinosaurs to birds?

Part 3.

Instructions: Compare and contrast the characteristics of dinosaurs and birds, using evidence from the text to identify anatomical similarities.

