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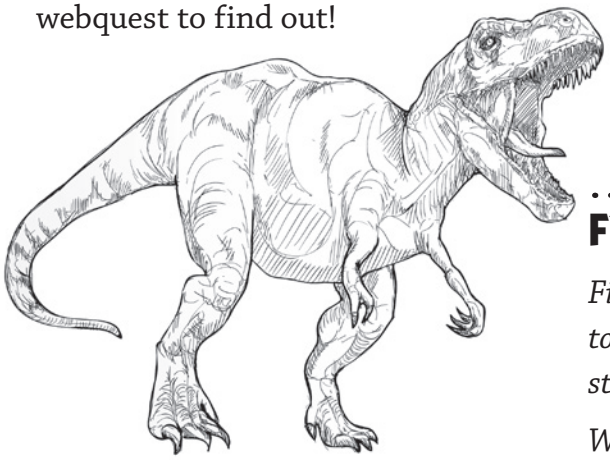
Dinosaur

Dinosaurs were giant creatures that ruled Earth for millions of years. They were some of the most amazing creatures to ever walk on the planet! How much do you know about dinosaurs? Set off on a webquest to find out!



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Find It!

Find the answers to the questions below by using the "Search" *tool to search key words. Since this activity is about dinosaurs, you can start by searching the key word "Dinosaur."*

Write the answers on the lines provided or below the question.

1. The name *dinosaur* comes from the term *Dinosauria,* which means _____.
2. Scientists believe that the first dinosaurs appeared on Earth about _____ million years ago.
3. Scientists learn about dinosaurs by studying _____.
4. Many scientists classify _____ as living dinosaurs.
5. Scientists divide true dinosaurs into two major groups: (1) _____ and (2) _____.
6. Ornithischians had a _____ hip structure and Saurischians had a hip formation much like that of _____.

*Users of the ***Advanced*** database can find extension activities at the end of this webquest.

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7. What are the two major theories that scientists have developed to explain dinosaur extinction?

   a. _____

   b. _____

8. Ankylosaurs were the most _____ of all dinosaurs.

9. Scientists discover and describe an average of _____new kinds of dinosaurs every year.

True or False

Write "True" *if the statement about dinosaurs is correct. If the statement is not correct, write* "False" *and correct the statement in the space below.*

_____ 10. All dinosaurs were larger than elephants.

_____ 11. Before the 1800's, no one knew that dinosaurs had ever existed.

_____ 12. The largest dinosaurs may have weighed as much as 85 tons (77 metric tons).

_____ 13. Fossil evidence suggests that all dinosaurs were clumsy, slow-moving, unintelligent creatures.

_____ 14. Most dinosaurs were meat-eaters.

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Find It!

15. What are three ways in which dinosaurs differed from present-day reptiles?

16. Why is the Mesozoic Era sometimes called the *Age of Reptiles* or *Age of Dinosaurs*?

17. What is the importance of the prehistoric reptile *Lagosuchus*?

18. Some kinds of ankylosaurs had a large mass of bone at the end of the tail. What could this bone have been used for?

19. Who was Sir Richard Owen?

Meat-eaters and plant-eaters

Some dinosaurs ate plants, and others ate animals. A few kinds of dinosaurs ate both. Click on the "Related Information" tab and look at some of the other World Book articles on dinosaurs. Label whether the dinosaurs below ate animals, plants, or both.

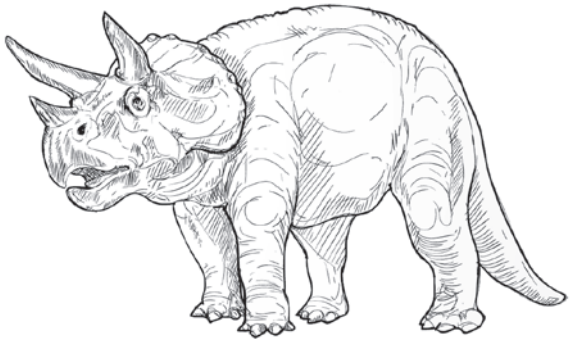
_____ 20. *Albertosaurus*

_____ 21. *Brontosaurus*

_____ 22. *Ornithomimus*

_____ 23. *Stegosaurus*

_____ 24. *Tyrannosaurus*



25. What does the name *Triceratops* mean? (Hint: For this question see the "Triceratops" article.)

26. The name *Tyrannosaurus* means *tyrant lizard*. How did *Tyrannosaurus* get its name? (Hint: For this question see the "Tyrannosaurus" article.)

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27. What do paleontologists study? (Hint: For this question see the “Paleontology” article.)

28. What is a fossil? What are some kinds of fossils? (Hint: For this question see the “Fossil” article.)

29. Fossils suggest that *Velociraptor* had a covering of what? (Hint: For this question see the “Velociraptor” article.)

30. In 2013, fossils from a dinosaur species called *Patagotitan mayorum* were discovered. What do paleontologists think about *Patagotitan*? (Hint: For this question see the “Sauropod” article.)

31. What did the gigantic dinosaur *Spinosaurus* have on its back? (Hint: For this question see the “Spinosaurus” article.)

Dinosaur Names!

Click on the “Related Information” tab in the “Dinosaur” article and look at some of the other World Book articles on dinosaurs. Write what each dinosaurs’ name means.

32. The name *Brontosaurus* means _____.

33. The name *Corythosaurus* means _____.

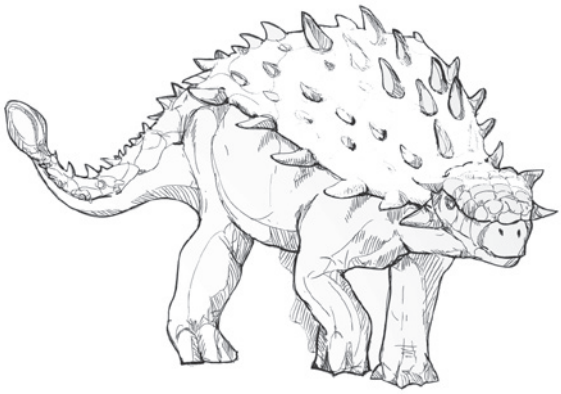
34. The name *Iguanodon* means _____.

35. The name *Oviraptor* means _____.

36. The name *Seismosaurus* comes from the Greek words for_____

    and _____.

37. The name *Troodon* means _____.



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Extension Activity 1

Imagine that you could resurrect dinosaurs by cloning or other methods. Which kinds of dinosaurs would you choose to resurrect? Why did you choose these dinosaurs? How do you think these dinosaurs would do living today? What do you think it would be like to live with dinosaurs? How might these dinosaurs harm people? What changes might dinosaurs make to the planet? Would people find a way to control the dinosaurs? Overall, if it were possible to bring dinosaurs back to life, do you think it would be a good idea to do so?

Extension Activity 2

Look at the "Early view of *Tyrannosaurus rex*" and "Modern illustration of *Tyrannosaurus rex*" illustrations in World Book's "Dinosaur" article. Using these pictures as a guide, how has scientists' understanding of *T. rex* changed over the years?

Extension Activity 3

Be a researcher! Choose a dinosaur mentioned in the "Related Information" tab of the "dinosaur" article. Use World Book Encyclopedia articles and related books from World Book's eBook collection on that dinosaur and write a report about the one you choose.

Read more about dinosaurs by visiting World Book's eBook collection:

Armored Dinosaurs: The Ornithischians. Chicago: World Book, 2015. Dinosaurs. *World eBook* Web. 5 Dec. 2018. <http://www.worldbookonline.com/wb/ebooks/mall/instt/catalog/urn:ISBN:978-0-7166-3057-9/detail.do>.

Birdlike Dinosaurs: Small Theropods and Prehistoric Birds. Chicago: World Book, 2015. Dinosaurs. *World eBook* Web. 5 Dec. 2018. <http://www.worldbookonline.com/wb/ebooks/mall/instt/catalog/urn:ISBN:978-0-7166-3058-6/detail.do>.

Dinosaurs. Chicago: World Book, 2018. True or False?. *World eBook* Web. 5 Dec. 2018. <http://www.worldbookonline.com/wb/ebooks/mall/instt/catalog/urn:ISBN:978-0-7166-3737-0/detail.do>.

Fierce Dinosaurs: The Large Theropods. Chicago: World Book, 2015. Dinosaurs. *World eBook* Web. 5 Dec. 2018. <http://www.worldbookonline.com/wb/ebooks/mall/instt/catalog/urn:ISBN:978-0-7166-3059-3/detail.do>.

Giant Dinosaurs: The Sauropods. Chicago: World Book, 2015. Dinosaurs. *World eBook* Web. 5 Dec. 2018. <http://www.worldbookonline.com/wb/ebooks/mall/instt/catalog/urn:ISBN:978-0-7166-3060-9/detail.do>.

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