



## Pterosaur Fossils Unveil Soaring Secrets

### Description

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Pterosaurs, ancient flying reptiles, had different ways of flying. Some soared like eagles with fixed wings, while others flapped their wings like birds.

Scientists studied well-preserved pterosaur fossils from Jordan. The bones showed unique structures that revealed their flying styles.

One large pterosaur had spiral ridges inside its bones for soaring, like modern birds. A smaller species had criss-crossed struts for flapping.

The fossils were found in a coastal area, suggesting that soaring pterosaurs may have used warm air currents above the sea to fly.

More research is needed to understand how different pterosaurs flew. It's possible that only the largest ones could soar, similar to big birds today.

Topics:

## Vocabulary List:

1. **Pterosaur** /'ter.ə.sɔr/ (noun): An ancient flying reptile that lived during the time of the dinosaurs.
2. **Soar** /sɔ:r/ (verb): To fly or glide high in the air without flapping the wings.
3. **Fossil** /'fɒs.əl/ (noun): The preserved remains or traces of a once-living organism.
4. **Structure** /'st्रʌk.tʃər/ (noun): The arrangement or organization of parts within a whole.
5. **Current** /'kʌr.ənt/ (noun): A flow of air or water in a particular direction.
6. **Research** /rɪ'sɜ:rtʃ/ (noun): The systematic investigation into a subject to discover facts or principles.

## Comprehension Questions

### Multiple Choice

1. How did some pterosaurs fly?

Option: Soared like eagles with fixed wings  
Option: Flapped their wings like birds  
Option: Both A and B  
Option: None of the above

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2. What did scientists study to understand pterosaurs' flying styles?

- Option: Well-preserved pterosaur fossils from Jordan
- Option: Meteorological records
- Option: Modern aircraft design
- Option: Ancient manuscripts

3. What unique structures in pterosaur bones revealed their flying styles?

- Option: Spiral ridges
- Option: Criss-crossed struts
- Option: Holes
- Option: Lines

4. Where were the pterosaur fossils found?

- Option: In a desert area
- Option: In a mountain cave
- Option: In a coastal area
- Option: In the jungle

5. How might soaring pterosaurs have utilized warm air currents?

- Option: Above mountains
- Option: Above forests
- Option: Above the sea
- Option: Above volcanoes

6. What is suggested about the ability to soar in pterosaurs?

- Option: All pterosaurs could soar
- Option: Only the smallest pterosaurs could soar
- Option: Only the largest pterosaurs could soar
- Option: Pterosaurs could not soar at all

## Answer

**Multiple Choice:** 1. Both A and B 2. Well-preserved pterosaur fossils from Jordan 3. Spiral ridges 4. In a coastal area 5. Above the sea 6. Only the largest pterosaurs could soar

## Vocabulary quizzes

**Multiple Choice ( Select the Correct answer for each question. )**

1. What is a spacewalk?

- Option: A type of space mission
- Option: An activity of walking in outer space
- Option: A space-themed party
- Option: A high-speed space travel

2. Which word describes a significant success or accomplishment?

- Option: Effort
- Option: Defeat
- Option: Achievement
- Option: Difficulty

3. What term is used to describe methods or actions that can be maintained for the long term without causing harm?

- Option: Temporary
- Option: Disposable
- Option: Sustainable
- Option: Unstable

4. What are the components used in a recipe called?

- Option: Materials
- Option: Ingredients
- Option: Elements
- Option: Substances

5. What is a favorable or advantageous circumstance or occasion?

- Option: Issue
- Option: Challenge
- Option: Problem
- Option: Opportunity

6. What remains of plants or animals that lived in the past?

- Option: Mineral
- Option: Fossil
- Option: Artifact
- Option: Rock

7. What is the total income generated by a business?

- Option: Profit
- Option: Loss

Option: Revenue

Option: Expense

8. What is a vehicle designed for travel or operation in outer space?

Option: Spaceship

Option: Aircraft

Option: Boat

Option: Train

9. What is the possibility of suffering harm or loss?

Option: Certainty

Option: Risk

Option: Safety

Option: Security

10. What is another term for supreme power or authority?

Option: Regime

Option: Dominance

Option: Imperium

Option: Oligarchy

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

11. The Earth \_\_\_\_\_ around the sun.

12. Scientists are \_\_\_\_\_ with new technologies.

13. The \_\_\_\_\_ of the building was carefully designed by the architect.

14. The band gave an outstanding \_\_\_\_\_ at the concert.

15. \_\_\_\_\_ is a major environmental issue affecting many forested areas.

16. The astronauts had a critical \_\_\_\_\_ to complete in space.

17. Investors buy \_\_\_\_\_ in companies to own part of the business.

18. \_\_\_\_\_ use their skills to design and build innovative solutions.

19. The construction project will have a significant \_\_\_\_\_ on the local community.

20. The \_\_\_\_\_ is an extinct flying reptile.

21. What is the \_\_\_\_\_ situation regarding the project?

**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**

22. Experts who review and evaluate creative works such as movies books and art.

23. How individuals respond or behave in a particular situation or to specific stimuli.

24. Different options or choices that can be selected instead of one particular course of action.

25. To fly or rise high in the air with little effort like a bird.

26. Individuals or entities that provide funds to a company or project in the expectation of future financial gain.

27. A specific task or goal that a person or group is assigned to complete.

28. The curved path followed by a celestial object around a star or planet.

29. Involving potential danger or harm if precautions are not taken.

30. The income generated from the sale of goods or services.

31. A noteworthy accomplishment or success in one's endeavors.

## Answer

**Multiple Choice:** 1. An activity of walking in outer space 2. Achievement 3. Sustainable 4. Ingredients 5. Opportunity 6. Fossil 7. Revenue 8. Spaceship 9. Risk 10. Imperium

**Gap-Fill:** 11. orbits 12. experimenting 13. structure 14. performance 15. Deforestation 16. mission 17. shares 18. Engineers 19. impact 20. Pterosaur 21. current

**Matching sentence:** 1. Critics 2. Reacted 3. Alternatives 4. Soar 5. Investors 6. Mission 7. Orbits 8. Risky 9. Revenue 10. Achievement

## CATEGORY

1. Sci/Tech - LEVEL1

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