



Ancient human jawbone discovered by dentist in parents' tile floor

Description

A startling discovery was made when a dentist visiting his parents' renovated home in Europe noticed a floor tile with what appeared to be a human mandible. The tile, made of travertine limestone imported from Turkey, sparked widespread interest when the dentist shared a photo on Reddit. The mandible's resemblance to a CT scan image caught the attention of scientists, who are now studying it along with other suspicious tiles in the house.

Travertine, commonly used in architecture, is known to contain ancient fossils due to its formation near hot springs. Researchers have uncovered a variety of ancient fossils in travertine from the Denizli Basin, including mammoths, rhinos, giraffes, and even ancient human remains. In fact, a previous discovery in the Denizli Basin revealed the skull fragments of a *Homo erectus*, dating back over a million years.

The dentist's find has led to collaboration with multiple universities to further study the specimen. They are exploring options such as CT scans, 3D printing the mandible, and potentially recovering ancient DNA from the remains. If individuals find possible human remains in their tile, experts advise reaching out to local authorities or historical societies.

The incident serves as a reminder of the delicate balance between construction projects and archaeology, where ancient remains can be both exposed and destroyed. Travertine quarries have been hotspots for such discoveries, emphasizing the need for careful excavation and preservation of these invaluable relics.

Vocabulary List:

1. **Mandible** // (noun): The jaw or a jawbone especially the lower jawbone in mammals and fishes.
2. **Travertine** // (noun): A form of limestone deposited by mineral springs especially hot springs.
3. **Fossils** // (noun): The remains or impression of a prehistoric plant or animal embedded in rock and preserved.
4. **Collaboration** // (noun): The action of working together with someone to produce something.
5. **Excavation** // (noun): The action of digging or hollowing out something.
6. **Preservation** // (noun): The action of maintaining something in its original or existing state.

Vocabulary quizzes

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

1. Which term best describes a project that introduces new innovative ideas?



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- Option: Artificial Intelligence
Option: Groundbreaking
Option: Regulation
Option: Prominence
2. Which term relates to the ease of access to information or services?
Option: Fundamental
Option: Pricing
Option: Accessibility
Option: Prototype
3. What term refers to the process of digging up historical artifacts?
Option: Excavation
Option: Misinformation
Option: Enigmatic
Option: Sensitivity
4. Which word best describes something that deviates from the norm or expectations?
Option: Collaboration
Option: Anomaly
Option: Highlight
Option: Emerge
5. Which term refers to the practical uses of a technology or product?
Option: Fossils
Option: Applications
Option: Mesmerizing
Option: Travertine
6. Which term refers to the rules or laws governing an industry or activity?
Option: Celestial
Option: Emerge
Option: Regulation
Option: Motors
7. Which word is associated with the heavens or outer space?
Option: Celestial
Option: Interstellar
Option: Pricing
Option: Development
8. What is a preliminary model used to test and showcase a design?
Option: Interstellar



- Option: Prototype
- Option: Animate
- Option: Fundamental

9. Which term relates to machines that convert electrical energy into mechanical energy?

- Option: Misinformation
- Option: Motors
- Option: Highlight
- Option: Accessibility

10. What are the preserved remains or impressions of organisms from past geologic ages?

- Option: Sensitivity
- Option: Fundamental
- Option: Fossils
- Option: Development

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

11. _____ between different teams is essential for project success.
12. Media literacy is important to combat the spread of _____ online.
13. The report will _____ the key findings of the research.
14. New technologies continue to _____ in various industries.
15. The symbols on the ancient artifact remain _____ and puzzling.
16. The success of the experiment depends on the _____ of the equipment.
17. The company will announce the new _____ strategy next week.
18. Understanding the _____ principles is crucial for advanced studies.
19. The CEO gained _____ in the industry due to successful business ventures.
20. The city is experiencing rapid _____ in infrastructure and technology.

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

21. The artist spent months creating the details in the sculpture.



22. The new smartphone model was finally at the tech conference.
23. The two main storylines in the novel at a critical plot point.
24. The professor's lecture on quantum physics was yet fascinating.
25. Electric are becoming more popular due to their efficiency.
26. The company conducted market research to determine the optimal strategy.
27. The building's elegant interior featured walls made of polished stone.
28. Researchers discovered a fossilized of an ancient human ancestor.
29. The stargazers used telescopes to observe bodies in the night sky.
30. The unusual weather pattern was considered an by meteorologists.

Answer

Multiple Choice: 1. Groundbreaking 2. Accessibility 3. Excavation 4. Anomaly 5. Applications 6. Regulation 7. Celestial 8. Prototype 9. Motors 10. Fossils

Gap-Fill: 11. Collaboration 12. Misinformation 13. Highlight 14. Emerge 15. Enigmatic 16. Sensitivity 17. Pricing 18. Fundamental 19. Prominence 20. Developments

Matching sentence: 1. intricate 2. unveiled 3. intersect 4. enigmatic 5. motors 6. pricing 7. travertine 8. mandible 9. celestial 10. anomaly

CATEGORY

1. Sci/Tech - LEVEL5

Date Created

2024/04/23

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