



# 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.

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## 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?

- 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



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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



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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

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