



Why Aliens Likely Aren't Visiting Earth

Description

The United States government has shared many cases about Unidentified Anomalous Phenomena (UAPs) from the 1940s until today. This has led some people to think aliens are visiting Earth. In Australia, the US, and other places, about one-third of people believe this.

Scientists think aliens might exist, but there are three reasons why they are likely not visiting us. First, space is very large. The nearest star is about 40 trillion kilometres away. With current technology, it would take over 6,650 years to reach it. Our fastest spacecraft goes much slower than light.

Second, travelling to other stars would need a lot of energy. If a spaceship travels near light speed, it would need infinite energy, which is impossible. There are also particles in space that can be dangerous for any spaceship.

Third, Earth has a unique environment. Life here developed with oxygen, but oxygen can be harmful to aliens. They would need special suits, but many reports of aliens do not mention them.

Scientists continue to search for signs of life elsewhere in the universe. So far, they have found thousands of planets but no proof of aliens.

Vocabulary List:

1. **anomalous** //ə'namələs// (adjective): not normal; different from what is expected
2. **phenomena** //fə'nomənə// (noun): things that happen and can be seen
3. **spacecraft** //'speɪs,kɹæft// (noun): a vehicle made to travel in outer space
4. **energy** //'enədʒi// (noun): power that can make things move or work
5. **infinite** //'ɪnfənət// (adjective): without an end; very, very large
6. **environment** //ɪn'vaɪrənmənt// (noun): the natural world around a person or place

Comprehension Questions

Multiple Choice

1. What phenomenon have many cases been shared about since the 1940s?



- Option: Unidentified Flying Objects
- Option: Unidentified Anomalous Phenomena
- Option: Unidentified Aerial Phenomena
- Option: Unidentified Cosmic Events

2. Approximately what fraction of people in the US and Australia believe aliens might be visiting Earth?

- Option: One-fourth
- Option: One-third
- Option: One-half
- Option: Two-thirds

3. How far away is the nearest star from Earth?

- Option: 4 trillion kilometres
- Option: 20 trillion kilometres
- Option: 40 trillion kilometres
- Option: 100 trillion kilometres

4. What is the primary reason why scientists think aliens are likely not visiting us?

- Option: Lack of interest from aliens
- Option: Energy requirements
- Option: Incompatible environments
- Option: Distance to other stars

5. What is the speed at which the fastest spacecraft currently travels?

- Option: At light speed
- Option: Below light speed
- Option: Faster than sound
- Option: Equal to sound speed

6. According to scientists, what harmful element developed with life on Earth?

- Option: Hydrogen
- Option: Carbon
- Option: Oxygen
- Option: Nitrogen

True-False

7. The US government has only recently started sharing cases about UAPs.



8. Space travel to other stars is feasible within the next century with current technology.
9. Earth's environment is considered unique for the development of life.
10. Many reports of aliens include mentions of special suits.
11. Scientists have discovered proof of alien life so far.
12. There are dangerous particles in space that could impact spacecraft.

Gap-Fill

13. The United States government has shared many cases about Unidentified Anomalous Phenomena (UAPs) since the _____.
14. About one-third of people believe that aliens are _____ Earth.
15. The nearest star is about 40 trillion kilometres away, and reaching it would take over _____ years with current technology.
16. Travelling near light speed would require _____ energy, which is impossible.
17. Oxygen can be harmful to aliens, necessitating them to wear _____ suits.
18. Scientists have found thousands of planets but no _____ of aliens.

Answer

Multiple Choice: 1. Unidentified Anomalous Phenomena 2. One-third 3. 40 trillion kilometres 4. Energy requirements 5. Below light speed 6. Oxygen

True-False: 7. False 8. False 9. True 10. False 11. False 12. True

Gap-Fill: 13. 1940s 14. visiting 15. 6,650 16. infinite 17. special 18. proof

CATEGORY

1. Sci/Tech - LEVEL1

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