



Astronauts Reflect on the Overview Effect from Space

Description

Edgar Mitchell flew home on Apollo 14 in February 1971. From his window, he saw Earth, the Moon, and the Sun every two minutes. He felt a powerful connection. Countries looked small and united. Writer Frank White called this feeling the "overview effect" in 1987.

Nearly forty years later, astronauts still talk about this effect. In April 2026, pilot Victor Glover flew around the Moon. He described the view as very special and hard to explain. The crew returned with feelings similar to what Mitchell had shared years before.

From the International Space Station, astronauts see Earth as a bright, curved object. They see many sunrises and weather patterns. At a distance, Earth appears small without clear borders. Astronauts feel a mix of being amazed and emotional. Conflicts on the planet seem tiny and far away.

Frank White studied these feelings. He published a book to share what astronauts experienced. They noticed Earth as a living place and felt less attached to national identities. Some astronauts say this view changes how they see life forever. The experience can make them care more about the planet.

Vocabulary List:

1. **connection** //kə'nekʃən// (noun): a feeling of being close or linked
2. **overview** //ˈoʊvər,vju// (noun): a general view of the whole thing
3. **curved** //kɜːvd// (adjective): bent like part of a circle
4. **borders** //ˈbɔːdəz// (noun): lines that show the edge of areas
5. **conflicts** //ˈkɒnflɪkts// (noun): serious disagreements or fights between groups
6. **attached** //ə'tætʃt// (adjective): feeling a strong link to someone or something

Comprehension Questions

Multiple Choice

1. When did Edgar Mitchell return from Apollo 14?

Option: February 1969

Option: February 1971



Option: April 2026
Option: January 1987

2. What did astronauts see from the International Space Station?

Option: Mars and Jupiter
Option: Earth and the Moon
Option: Earth and the Sun
Option: Saturn and Venus

3. Who coined the term 'overview effect'?

Option: Victor Glover
Option: Frank White
Option: Edgar Mitchell
Option: Neil Armstrong

4. In what year did Victor Glover fly around the Moon?

Option: 1971
Option: 1987
Option: 2026
Option: 2000

5. What are astronauts' feelings when they see Earth from space?

Option: Joy and celebration
Option: Fear and anxiety
Option: Amazement and emotion
Option: Indifference and boredom

6. What did astronauts notice about Earth that changed their perspective?

Option: It was a large country
Option: It was a living place
Option: It had clear borders
Option: It was a dark planet

True-False

7. Edgar Mitchell saw Earth, the Moon, and the Sun every five minutes.

8. The term 'overview effect' was introduced in 1987.



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9. Astronauts from Apollo 14 did not experience the overview effect.
 10. Victor Glover's flight around the Moon occurred in April 2026.
 11. From the ISS, astronauts perceive Earth as a bright and flat object.
 12. Frank White published a book regarding astronauts' experiences in space.

Gap-Fill

13. Edgar Mitchell flew home on Apollo 14 in February 1971 and felt a powerful connection to Earth, the Moon, and the Sun every _____ minutes.
14. Frank White described the feeling associated with seeing Earth from space as the ' _____ effect'.
15. Victor Glover described the view around the Moon as very special and _____ to explain.
16. Astronauts see many sunrises and weather patterns from the _____ Space Station.
17. Astronauts feel a mix of being amazed and _____ when they see Earth from space.
18. Some astronauts say the view from space changes how they see _____ forever.

Answer

Multiple Choice: 1. February 1971 2. Earth and the Sun 3. Frank White 4. 2026 5. Amazement and emotion 6. It was a living place

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

Gap-Fill: 13. two 14. overview 15. hard 16. International 17. emotional 18. life

Vocabulary quizzes



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

1. What term refers to the relationship or link between two entities?
Option: Connection
Option: Disconnection
Option: Association
Option: Detachment
2. What is the summary of a topic called?
Option: Analysis
Option: Overview
Option: Detail
Option: Exposition
3. Which adjective describes something that is not straight?
Option: Linear
Option: Flat
Option: Curved
Option: Pointed
4. What is a disagreement or clash known as?
Option: Harmonies
Option: Conflicts
Option: Resolutions
Option: Agreements
5. What term describes something that is fastened or secured to something else?
Option: Detached
Option: Attached
Option: Separated
Option: Isolated
6. What is the act of presenting information to an audience called?
Option: Discussion
Option: Presentation
Option: Meeting
Option: Lecture
7. Which term is related to ships and naval forces?
Option: Aerial
Option: Land
Option: Naval



Option: Terrestrial

8. What do you call someone who watches an event, especially sports?

Option: Participant

Option: Spectator

Option: Competitor

Option: Player

9. What term describes the movement of people or animals from one place to another?

Option: Stagnation

Option: Migration

Option: Development

Option: Settlement

10. What term refers to a violent burst or rupture that produces energy?

Option: Eruptions

Option: Implosions

Option: Detonations

Option: Explosions

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

11. The explosions significantly _____ the surrounding environment.

12. Certain _____ compounds can affect hormone levels.

13. The colony is focused on _____ effectively in its environment.

14. The social _____ of the colony is highly organized.

15. The honeycomb has a distinct _____ that helps define its properties.

16. The country has defined _____ that separate it from its neighbors.

17. Often, communication _____ are used in presentations to enhance understanding.

18. The spokesperson issued an _____ about the upcoming migration patterns.

19. The body uses _____ to regulate various functions and processes.

20. The document was _____ to the email for reference.



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

21. The impact of the eruption was felt for miles around.
22. The social dynamics within the group were fascinating to observe.
23. Naval warfare has evolved dramatically over the centuries.
24. Please provide an update on the project's progress.
25. The animals were tagged for tracking during their migration.
26. The curved path created a beautiful silhouette against the sunset.
27. Bees create a honeycomb structure for storing honey and nurturing their young.
28. The coastline has eroded significantly due to strong waves and storms.
29. The materials used in the construction are eco-friendly and sustainable.
30. Historical conflicts often shape the cultures of nations.

Answer

Multiple Choice: 1. Connection 2. Overview 3. Curved 4. Conflicts 5. Attached 6. Presentation 7. Naval 8. Spectator 9. Migration 10. Explosions

Gap-Fill: 11. impacted 12. chemical 13. reproducing 14. structure 15. texture 16. borders 17. devices 18. alert 19. hormones 20. attached

Matching sentence: 1. impact 2. social 3. warfare 4. update 5. tagged 6. curved 7. honeycomb 8. eroded 9. materials 10. conflicts

CATEGORY

1. Sci/Tech - LEVEL1

POST TAG

1. astronauts
2. Earth
3. ESL learning
4. esl news
5. Level 1
6. overview effect



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