

Titel:

Fake or fact – Space

Författare:

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Before Reading

Look at the cover and the title.

Discuss:

1. What do you already know about space?
2. Which space object interests you the most?
3. Do you think all space facts are true?
4. What do you think might be the strangest fact in this book?

During Reading

After every few pages, discuss:

1. Was the statement Fact or Fake?
2. What new information did you learn?
3. Which fact surprised you the most?
4. Which space topic would you like to learn more about?

Reading Questions

Section 1 – Strange Facts About Space

1. What can black holes do that scientists compare to singing?

2. Why can humans not hear black holes?

3. How do scientists detect the sound waves from black holes?

4. What special garment do astronauts wear during space walks?

5. What do astronauts usually use to manage waste in space?

6. On which planet do scientists think diamonds may rain from the sky?

7. Approximately how much space rock falls to Earth every day?

8. What usually happens to this space rock before it reaches the ground?

9. What smell have some astronauts compared space to?

10. Is there any solid evidence of life on Mars?

11. What gas has been discovered on Mars?

12. What animals live on the International Space Station for research projects?

Section 2 – The Moon and the Solar System

13. What did the Apollo missions bring back from the Moon?

14. How fast is the Moon moving away from Earth each year?

15. Does Mercury orbit the Sun?

16. Which planet spins backwards compared to the other planets?

17. What is Earth's inner core mostly made of?

18. What is the Great Red Spot?

19. Why would Saturn float if it were placed in water?

20. Are all stars the same colour?

21. Which colour stars are the hottest?

22. Who suggested the name Pluto?

23. Is the Moon wider than Australia?

24. What unusual shape do scientists say the Moon has?

25. Which volcano is the largest in the solar system?

Section 3 – Space Mysteries

26. Do white holes exist as far as scientists know?

27. Why can't people feel the Earth moving?

28. Are all asteroids made of solid rock?

29. Why are the footprints from the Moon landings still there?

30. Why is ordinary bread not allowed on the International Space Station?

Activity 1 – Fact or Maybe Not?

Write Fact or Fake.

1. Black holes can burp.

2. Astronauts wear special garments during space walks.

3. Tiny cows live on Mars.

4. The Moon is made of cheese.

5. The Moon is moving further away from Earth.

6. Saturn would float in water.

7. All stars are the same colour.

8. Earth is the centre of the universe.

Activity 2 – Space Word Match

Match the word to its meaning.

word	meaning
1. meteor	a. a large rock that travels through space
2. atmosphere	b. the layer of gases around a planet
3. orbit	c. a pattern of stars in the sky
4. asteroid	d. the path an object follows around another object
5. constellation	e. a space rock that enters Earth's atmosphere

Activity 3 – My Favourite Space Fact

Complete the sentences.

My favourite fact from the book was _____

I found it interesting because _____

It surprised me because _____