



Teacher Resource

Space Exploration

Focus Questions

Discuss the BTN High story as a class and record the main points of discussion. Students will then respond to the following:

1. What is the aim of the Artemis program?
2. Do you think missions like Artemis are important? Provide reasons.
3. What are the advantages of space exploration?
4. What are the disadvantages?
5. Who should fund space exploration?
6. If you could explore one place in the universe, what would it be and why?

Activities

- *Design a space mission:* Include why you think it's important to explore that place, what scientific knowledge you hope to gain, and what challenges might be faced. Present your planned mission as a slideshow, video or advertisement.
- Is space exploration important? Write a persuasive essay arguing your point of view.
- *Research a famous space mission:* Find out what the mission set out to explore, what issues it encountered, and what was discovered.
- In small groups, brainstorm a list of advantages and disadvantages of space exploration.

EPISODE 6

18th February 2026

KEY LEARNING

Students will discuss the advantages and disadvantages of space exploration.

CURRICULUM

[Science – Year 7 \(v8.4\)](#)

[Science – Year 7 \(v9.0\)](#)

[Science – Year 10 \(v8.4\) - 1](#)

[Science – Year 10 \(v8.4\) - 2](#)

[Science – Year 10 \(v9.0\)](#)