



Teacher Resource

Analogue Space Mission

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 role of an 'analogue astronaut'?
2. List three things astronauts could work on during a simulated moon mission.
3. What are some of the challenges of living and working in space?
4. What are the advantages and disadvantages of space exploration?
5. Do you think humans should travel to the moon again? Provide reasons.

Activities

- Using the [Australian Space Agency's guide](#), design your own mission to the moon.
- Construct a timeline of famous space missions, including details about the aim and length of the mission, the space craft used and any interesting facts.
- Write a feature article for a monthly science magazine about a space mission or profile an astronaut.
- If you could petition for a new space mission, where would it be and why? Write an essay.
- In small groups, discuss the importance of space exploration and how it has impacted what we know about the world today.

EPISODE 60

29th October 2025

KEY LEARNING

Students will learn about analogue space missions and how they contribute to future research and space travel.

CURRICULUM

[Science – Year 8 \(v8.4\)](#)

[Science – Years 7 and 8 \(v9.0\)](#)

[Science – Year 10 \(v8.4\) - 1](#)

[Science – Year 10 \(v8.4\) - 2](#)

[Science – Year 10 \(v9.0\)](#)