Teacher Resource

Artemis II Mission

Focus Questions

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

1. What is the goal of the Artemis program?
2. What was the purpose of the Artemis II mission?
3. The mission achieved a number of `firsts'. Name one.
4. What challenges did the crew face?
5. Name three things you learnt watching the BTN story.

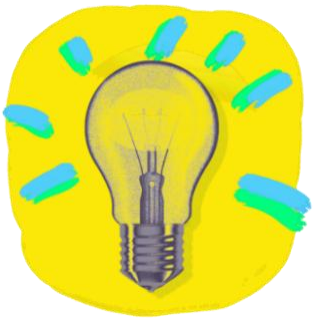
Activity: Comprehension

After watching the BTN Artemis II Mission story students can answer one or more of the following questions, for example:

- What are some keywords from the BTN story?
- What did you learn from the story? Write a summary.
- What is the purpose of this news story? To entertain, persuade, inform, explain or describe?
- Why do you think BTN covered the story?

Activity: Class Discussion

Discuss the information raised in the BTN Artemis II Mission story. Record the main points of the discussion. Here are some questions to guide the discussion:



- When was NASA's last mission to the Moon?
- What was the aim of the Artemis II mission?
- Is space exploration important? Why or why not?
- What would you be most excited or nervous about if you were an astronaut on the mission?
- What questions do you have about the Artemis II Mission story?

EPISODE 10
28 April 2026

KEY LEARNING
Students will learn more about the Artemis mission to the Moon.

CURRICULUM
Science – Year 5
Scientific understandings, discoveries and inventions are used to solve problems that directly affect peoples' lives.

The Earth is part of a system of planets orbiting around a star (the sun).

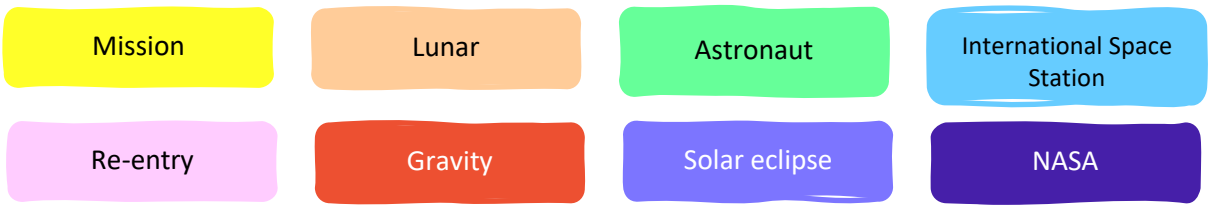
Science – Years 5 & 6
Scientific knowledge is used to solve problems and inform personal and community decisions.

Science – Year 6
Describe the movement of Earth and other planets relative to the sun and model how Earth's tilt, rotation on its axis and revolution around the sun relate to cyclic observable phenomena, including variable day and night length.

Science – Year 7
Model cyclic changes in the relative positions of the Earth, sun and Moon and explain how these cycles cause eclipses and influence predictable phenomena on Earth, including seasons and tides.

Activity: Key Words

Students will brainstorm a list of key words that relate to the BTN Artemis II Mission story. Here are some words to get them started.



Ask students to write what they think is the meaning of each word (including unfamiliar words). They will swap definitions with a partner and ask them to add to or change the definition. Check these against the dictionary definition.

Activity: Moon and Mission Research

Discuss the information raised in the BTN Artemis II Mission story. What questions were raised in the discussion and what are the gaps in students' knowledge? Students will develop their own question/s to research or choose one or more of the questions below.

- What was the purpose of the Artemis II mission? Why are humans going back to the Moon?
- What new technologies are being tested on Artemis II? Choose one to explore in detail.
- What challenges did the astronauts face during the mission?
- Create a profile of the Moon. Include the following information: distance from Earth, how long it takes to orbit Earth, the minimum/maximum temperatures of the Moon and geographical features of the Moon. Include any other interesting facts you find.
- What are the relationships between Earth, the Moon and the Sun? Draw a diagram showing the relative sizes and movement of Earth, the Moon and the Sun. In your description include words like orbit, revolution and axis.
- How does gravity affect the Moon? Investigate Earth's gravitational pull on the Moon and explain why we only ever see one side of the Moon.
- What is it like living in microgravity? For example, eating, sleeping, having a shower and going to the toilet.
- What impact does microgravity have on the human body?
- What is Australia's involvement in the Artemis mission?

Further Investigation – Meet the astronauts

Who are the astronauts on the Artemis mission? Meet the Artemis crew. Watch this short video to learn more about them.

- What skills do you think you need to become an astronaut? What training do they do?
- Choose a crew member and write a short biography about them.
- What would you like to ask the astronauts? Think of three questions.

Activity: Images from the mission

Students look at the images that relate to the Artemis II mission, then respond to the following questions:

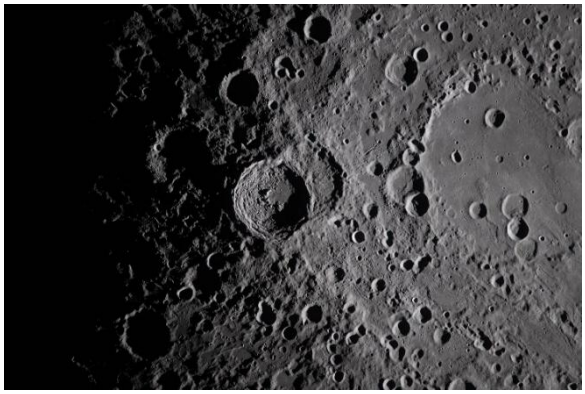
- Describe the image. What can you see?
- What does the image tell you about the mission and/or the Moon?
- If there are people in the image, what might they be thinking or feeling?
- What was surprising about the image?
- What questions do you have about it?
- How does the image make you feel?
- Create a caption for the image.

NASA

NASA

NASA

NASA



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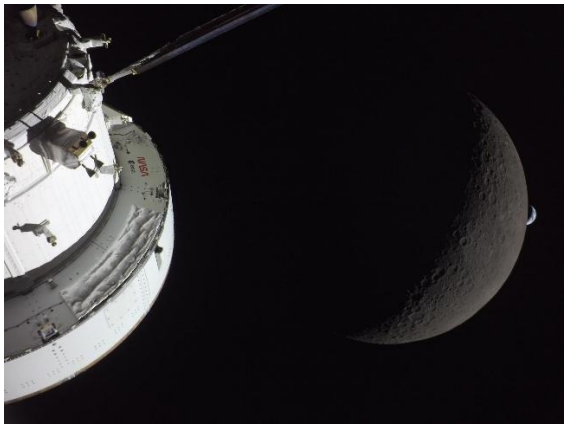

NASA

Activity: Daily Moon Guide

Learn more about the Moon! Explore NASA's interactive map for observing the Moon, every day of the year.

Select the date, the hemisphere you are observing from and how you are observing the Moon (unaided eye, binoculars or telescope). Click on the features of the Moon to learn more about them. Keep an eye out for the `Sea of Tranquillity' and learn about its significance.

Useful Websites

- Artemis 2 Launch - BTN
- Artemis Launch – BTN
- The Farthest People from Earth –Newsbreak
- Artemis II Crew Returns – BTN Newsbreak
- Artemis II – NASA
- 50th Moon Landing Anniversary Special – BTN