

Moon Mission: Exploring Neil Armstrong

Learning objective: To understand the significance of the 1969 Moon landing and the role of Neil Armstrong in space exploration history.

Read each question carefully and use your knowledge of the Space Race and the Apollo 11 mission to provide detailed answers. Use full sentences where appropriate.

Nova the owl has been looking through her telescope at the Moon again! She is fascinated by the history of how humans first set foot on its surface. Use your historical knowledge of the 1969 mission to answer the questions below.

Word bank: Apollo 11 · Eagle · 1969 · NASA · Lunar module · Space Race · Tranquility Base · Gravity

1. In which year did the Apollo 11 mission take place, and why was this event a major turning point in the 'Space Race' between the USA and the Soviet Union? (3 marks)

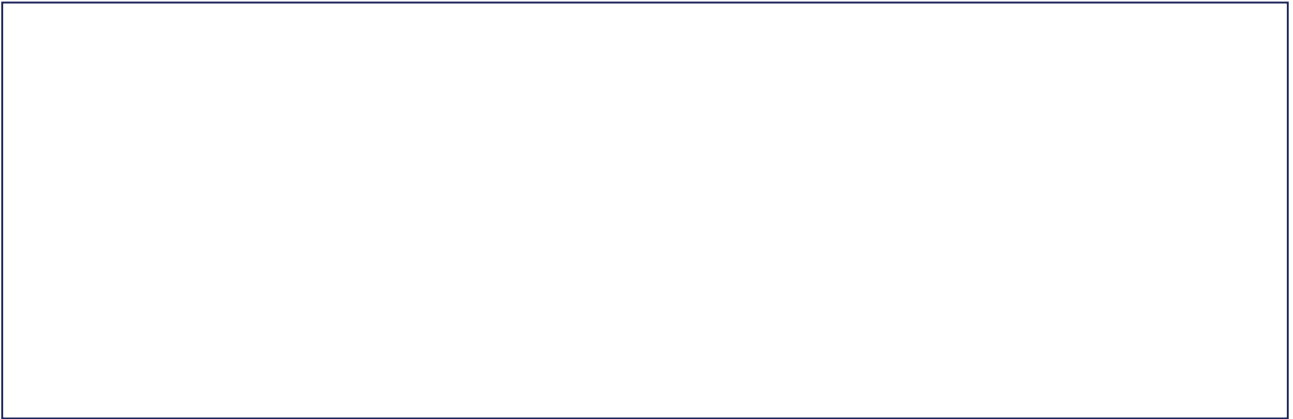
2. Neil Armstrong was the commander of the mission. Name the two other astronauts who were part of the Apollo 11 crew. (2 marks)

3. Describe the difference between the Command Module and the Lunar Module (the 'Eagle'). Which one actually landed on the Moon's surface? (3 marks)

4. When Neil Armstrong first stepped onto the Moon, he famously said, 'That's one small step for [a] man, one giant leap for mankind.' What do you think he meant by 'giant leap for mankind'? (2 marks)

5. If a modern space suit costs £12,000,000 to develop, and a mission requires three suits, what is the total cost for the crew's suits? Show your calculation. (2 marks)

Draw: Draw a diagram of the Apollo 11 Lunar Module landing on the Moon. Include labels for the 'Eagle' and the surface of the Moon, showing craters and the flag left behind.



Extension challenge: Nova wants to know what life is like for astronauts today. Research one way that the International Space Station (ISS) is different from the Apollo 11 spacecraft and write a short comparison paragraph.