

## ***Moon Landings***

- 1** How many moons orbit planets in our solar system?
- 2** In what order did these first go into space: Bumper 8, German V-2 rocket, fruit flies?
- 3** Who was the first person to go into space?
- 4** How does the layout on pages 14 and 15 show which people have the same nationality?
- 5** Look at pages 22 and 23. How do you think it would feel to do a spacewalk?
- 6** 'Finally, they found a safe landing spot and touched down in a huge crater, called the Sea of Tranquility – with just 45 seconds of landing fuel left!' (page 36) What details in this sentence show the author's opinion of the event?
- 7** What did Neil Armstrong say as he stepped onto the Moon?
- 8** Look at pages 46 and 47. What caused the Apollo 13 crew to use star maps to navigate back to Earth?
- 9** Why are Orion Crew Survival Systems spacesuits orange?
- 10** Look at pages 58 and 59. Which is the lightest lunar rover?

## **Answers**

- 1** more than 200
- 2** German V-2 rocket (1944); fruit flies (1947); Bumper 8 (1950)
- 3** Yuri Gagarin
- 4** The nationality is displayed near the top of each card, and the cards are also colour-coded orange for Russians, blue for Americans and yellow for Germans.
- 5** Answers will vary.
- 6** The words 'Finally' and 'just' and the exclamation mark show that the author thinks it was a very risky and shocking situation.
- 7** 'That's one small step for man, one giant leap for mankind.'
- 8** They couldn't use the usual electronic navigation systems because they had stopped working after an explosion.
- 9** The bright colour makes them easy to spot if an astronaut needs to be found and rescued.
- 10** Yutu 2 (140 kg)