

The Moon

Creative

4-5

- 1 Research the story of the first Moon landing. Write the TV script for this momentous event, reporting to the world the achievements of Neil Armstrong and Buzz Aldrin.

Test yourself

5-6

- 2 Figure 2 shows the positions of the Sun and the Earth.

The Moon is a satellite of Earth, and in the same way as the Sun appears to move across the sky, the Moon appears to change in appearance throughout the month.

a Draw in the position of the Moon on a sketch of Figure 2 so that an eclipse will occur at **point X**. Label it **A**.

b Draw in the position of the Moon on a sketch of Figure 2 to show a lunar eclipse. Label it **B**.

c Figure 3 shows observations of a solar eclipse from points **X**, **Y** and **Z** on Earth. Using your answer from part a, match the observations to locations.

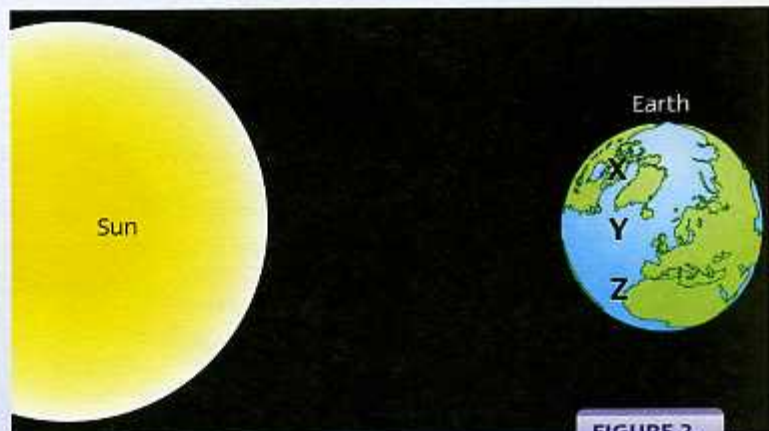


FIGURE 2.

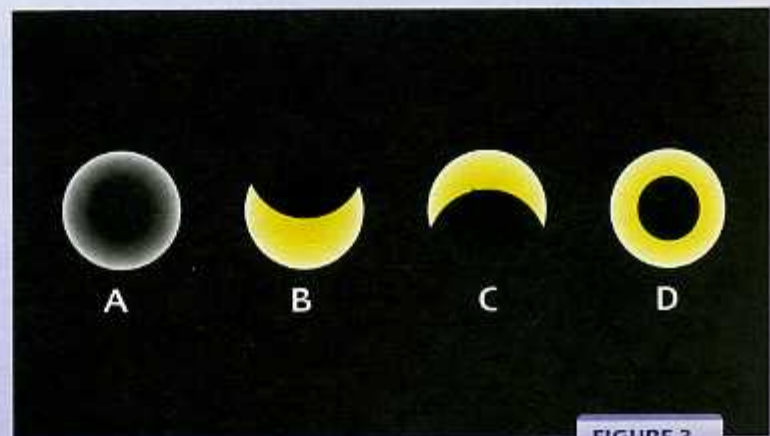


FIGURE 3.

Digital

7-8

- 3 a Research the names and shapes given to the different phases of the Moon for one lunar month, also showing the phases for the next week ahead. Present your findings (including images) in an article explaining the phases of the Moon for the journal 'Astronomy Weekly'.
b If possible, check the phases that you have researched in reality by viewing the Moon at night.