

Nova's Cosmic Space Quiz

Learning objective: To identify the planets of our solar system and understand the movement of the Earth and other planets relative to the Sun.

Join Nova the owl on an adventure through the stars! Read each question carefully and circle the best answer.

Answer Key: 1. A (Sun), 2. True, 3. False (it takes 365 days), 4. B (Spherical), 5. Mercury, 6. False (it is a star), 7. C (Gravity), 8. Neptune, 9. Orbit, 10. True.

Word bank: Sun · Orbit · Spherical · Gravity · Solar System · Earth · Axis

1. 1. What is at the center of our solar system? A) The Moon *B) The Sun C) Mars D) Jupiter (1 mark)

2. 2. True or False: The Earth spins on its own axis once every 24 hours. (1 mark)

3. 3. True or False: It takes the Earth 100 days to travel all the way around the Sun. (1 mark)

4. 4. What is the shape of the planets in our solar system? A) Apartment B) Spherical *C) Square D) Triangular (1 mark)

5. 5. Which planet is closest to the Sun? (One word answer) (1 mark)

6. 6. True or False: The Sun is a planet. (1 mark)

7. 7. What force keeps the planets in orbit around the Sun? A) Magnetism B) Friction *C) Gravity D) Electricity (1 mark)

8. 8. Which planet is furthest away from the Sun? (One word answer) (1 mark)

9. 9. What is the name of the path a planet takes around the Sun? (One word answer) (1 mark)

10. 10. True or False: The Moon orbits the Earth. (1 mark)

Draw: Draw a diagram of the solar system showing the Sun and at least four planets in their orbits. Don't forget to draw Nova the owl watching from the side!



Extension challenge: Research one of the planets in our solar system and write three interesting facts about it to share with the class.