

Nova's Space Exploration

Learning objective: To describe the movement of the Earth and other planets relative to the Sun in the solar system.

Read each question carefully. Use the word bank to help you complete your sentences. You can use the sentence starters provided to help you write your answers.

Word bank: Sun · Earth · Orbit · Star · Planet · Gravity

1. Nova the owl is looking at the night sky. What is the name of the large, bright object at the centre of our solar system? (2 marks)

2. Our planet, the Earth, travels in a path around the Sun. What is this path called? Start your answer with: The path is called an... (2 marks)

3. Is the Earth a star or a planet? Tick the correct answer: ☐ Star ☐ Planet (1 mark)

4. What keeps the planets moving around the Sun? Start your answer with: The force that keeps planets moving is... (2 marks)

Draw: Draw a picture of the Sun in the middle. Draw the Earth on its path (orbit) around the Sun. Draw a small arrow to show the Earth moving.



Extension challenge: Nova wants to know how long it takes for the Earth to go all the way around the Sun. Can you find out how many days are in one year?