

How Do Planets Move around the Sun? Answers

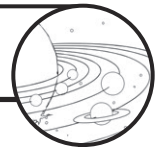
Can you explain how the planets orbit the Sun? Use the key words in the box to help you fill in the blanks.

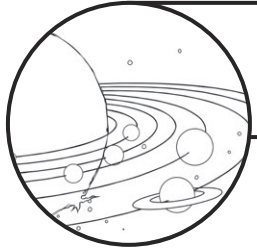
The Sun is a **star** in the middle of our solar system. There are eight planets in the **solar system**. Every planet in the solar system orbits around the **Sun**, which means that they move in a **curved path** around the Sun. Each planet's orbit is nearly the shape of a **circle**.

The planets orbit the Sun because of the Sun's **gravitational** force. Without the pull of the Sun's **gravity**, the planets would stop following their paths around the Sun.

Although each planet **orbits** the Sun, most planets are also orbited by smaller objects. For example, Earth is orbited by the **Moon**. Some **planets** are orbited by many moons – Saturn has **82** moons!

Key Words				
planets	gravity	orbits	gravitational	
	circle	solar system	Sun	
Moon	star	curved path		82





How Do Planets Move around the Sun? Answers

Can you explain how the planets orbit the Sun? Use the questions and key words to help you.

What is in the centre of our solar system and what objects surround it?

Example answer: The Sun is a star in the centre of our solar system, surrounded by eight planets. Most planets also have moons orbiting around them.

How do the planets move around our solar system? Try to use some of the key words in your answer.

Example answer: Every planet in the solar system orbits around the Sun, which means that they move in a curved path around the Sun. Each planet's orbit is nearly the shape of a circle. The planets orbit the Sun because of the Sun's gravitational force. Without the pull of the Sun's gravity, the planets would stop following their paths around the Sun.

Key Words

planets

Sun

star

moons

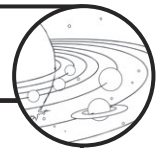
gravity

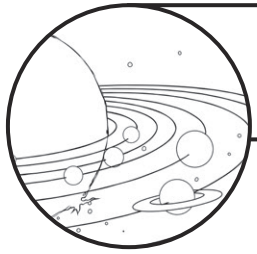
orbit

curved path

circle

gravitational force





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The planets orbit the Sun because of the Sun's gravitational force. Without the pull of the Sun's gravity, the planets would stop following their paths around the Sun.

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