

Nova's Earth and Space Flashcards

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

Use these cards to test your knowledge of the solar system. Nova the owl suggests reading the front, saying your answer out loud, then checking the back!

What is the name of the movement where the Earth spins on its own axis?	How long does it take for the Earth to complete one full orbit around the Sun?
Rotation	365 and a quarter days (or one year)
What celestial body orbits the Earth and takes approximately 28 days to complete one cycle?	What do we call the imaginary line that the Earth spins around?
The Moon	Axis
Which force pulls objects towards the center of a planet or star?	What shape are all the planets in our solar system?
Gravity	Sphere (spherical)
What is the name of the star at the center of our solar system?	How many planets are there in our solar system?
The Sun	Eight
Does the Sun move around the Earth?	What causes day and night on Earth?
No, the Earth moves around the Sun	The Earth's rotation on its axis
What is the term for the path a planet takes around the Sun?	Which planet is known as the 'Red Planet'?
Orbit	Mars