

Year 5 Earth and Space

Key Vocabulary

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| Sun | A huge star that the planets in our solar system orbit around. |
| star | A giant ball of gas held together by its own gravity. |
| moon | A natural satellite which orbits Earth (or other planets). |
| planet | A large object, which is round, that orbits a star. |
| satellite | Any object in space that orbits something else. |
| orbit | To move in a regular, repeating curved path around another object. |
| rotate | To spin. e.g. The Earth rotates on its own axis. |
| axis | An imaginary line that a body rotates around. E.g. Earth's axis runs from the North Pole to the South Pole. |
| Geocentric Model | A belief people used to have that other planets and the sun orbited around the Earth. |
| Heliocentric Model | The structure of the Solar System where the planets orbit the sun. |
| astronomer | Someone who studies astronomy (space science). |

We are learning and investigating...

the order of the planets,
the movements of the Earth, Sun and Moon,
day and night,
the seasons,
the phases of the moon and how it affects the Earth

Key Knowledge

Mercury, Venus, Earth and Mars are **rocky planets**. They are mostly made up of metal and rock. Jupiter, Saturn, Uranus and Neptune are mostly made up of **gases** (Helium and Hydrogen) although their core is made from metal and rock.

