Year 5: Earth and Space

Changes in Material:



Daytime occurs when that side of the Earth is facing towards the Sun. Night occurs when that side of the Earth is facing away from the Earth.

Geocentric Model

Years ago people believed that the planets moved around the Earth (geocentric model) .

We now know this was incorrect .

Heliocentric Model

astronomers such as Ptolemy, Alhazen and Copernicus correctly recognised that the planets moved around the Sun (heliocentric model). We now know this is **cor**-

We now know this is correct.

Properties of Materials:



The Sun is a huge star that Earth and the other planets in our solar system orbit around.

There are 7 planets in our solar system, these are: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.

The planets are roughly spherical in shape.



The Moon orbits Earth whilst spinning on its axis. At various points in the month, the Moon appears to change shape.

This is due to the Sun lighting up different parts of it as it rotates around Earth.





Earth rotates on its axis once every 24 hours (1 day). At the same time, it is also orbiting the Sun, this takes 365.25 days (1 year).

Key Vocabulary:

