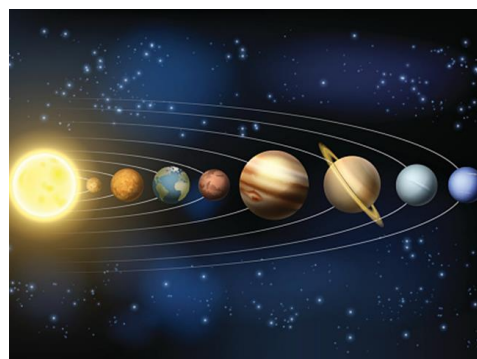




Earth and Space Year 5

Key vocabulary	
Earth	The planet we live on. It is the third planet from the Sun.
Sun	The Sun is the star at the centre of our solar system. It is not safe to look directly at the Sun, even when wearing dark glasses.
Moon	The moon is the only natural satellite of the Earth.
planets	Large round objects, made of rock or gas, that move around the sun.
solar system	The sun and all the planets that orbit around it.
star	A huge ball of glowing gas in space.
rotate	When an object rotates it turns (spins) on its axis.
orbit	The curved path that an object follows going around a star or a planet.



The Sun is a star at the centre of our solar system.

There are 8 planets in our solar system: **Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.**

These all **orbit** (travel) around the sun.

Significant scientists

Stephen Hawking
(1942-2018)



Stephen Hawking was an English astrophysicist whose theories, including those concerning black holes, have changed the way we understand the universe.

Mae Carol Jemison
(born 1956)

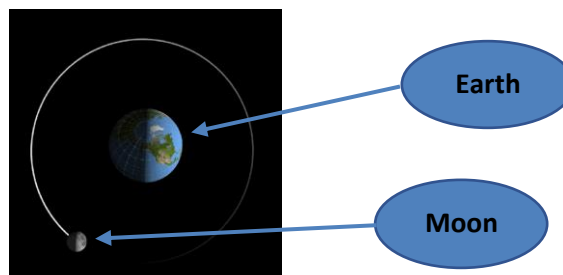


Mae Carol Jemison is an American engineer, physician and astronaut. She became the first black woman to travel into space aboard the Space Shuttle *Endeavour* which she orbited the Earth for nearly eight days in 1992.

The Sun, Earth and Moon are approximately spherical bodies.

The moon orbits the Earth

It takes about 28 days to complete its orbit.

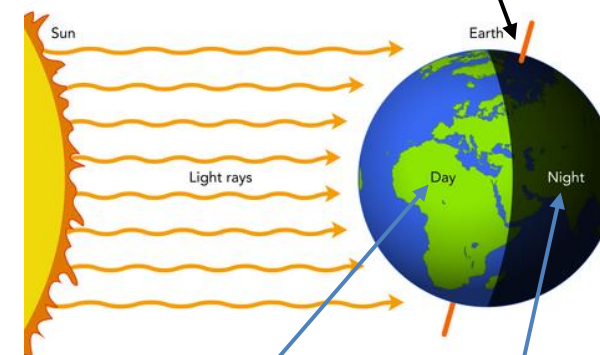


The Earth orbits the Sun.

It takes 365¼ days to complete its orbit around the Sun. This is a year.



The Earth rotates (spins) on its axis once every 24 hours.



It is day for the half of the Earth facing the Sun.

It is night for the half of the Earth facing away from the Sun.