

Personal Development

Moral – Children will know of moral dilemmas that can result in scientific developments

Cultural – Pupils will become aware of how different cultures have contributed to our scientific knowledge



What I have learnt before:

Shadows

Where I am in the world

Forever Facts

The Sun, Earth and Moon are approximately spherical

I know that scientific evidence can provide, or not provide, evidence for an idea

I know how the planets move in the solar system

I know we get day and night because of the rotation of the Earth

I know that the moon orbits the Earth

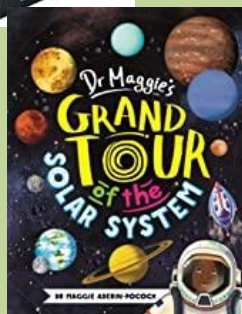
Skills

Use straightforward scientific evidence to answer questions or support findings

I can present findings

I can identify scientific evidence that has been used to support or refute ideas or arguments

Exciting Books



Our Endpoint

What is Earth's place within the solar system?

Subject Specific Vocabulary

orbit

a regular, repeating path that one object in space takes around another one

rotate

move in a circle round an axis or centre

heliocentric

having or representing the sun as the centre

geocentric

having or representing the earth as the centre

axis

an imaginary line about which a body rotates

shadow

a dark area or shape produced by a body coming between rays of light and a surface

face

be positioned with the face or front towards (someone or something)