

Earth and Space

Conflict

PRIOR LEARNING:

Year 4 – States of matter.

Year 3 – Links with light and forces.

Year 2 – Growth of plants using warmth and light.

Year 1 – Links with the seasonal changes alongside weather.

Reception – Understanding of the world.

Future Learning:

Year 6 – Evolution and Inheritance.



My Component Knowledge:

Lesson 1: I can name and order the planets in the solar system.

Lesson 2: I can explain theories of planetary movement in the solar system.

Lesson 3: I can identify and explain how night and day occur.

Lesson 4: I can describe how the earth and moon move relative to the sun.

Lesson 5: I can create a fact file on a chosen planet in the solar system.

Lesson 6: I can explain how space travel impacts our future.

My Composite Knowledge:

I can identify and describe the movement of the Earth and other planets in relation to the Sun within our solar system.

My Powerful Knowledge:

I can use my prior knowledge to identify the importance the Sun has on our planet, describing the changes and evolution of the solar system.

Key Vocabulary

Tier 1: star, sun, planet, moon, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.

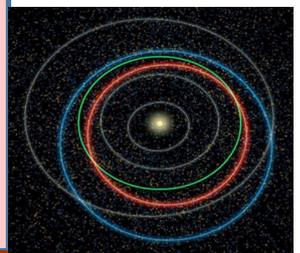
Tier 2: orbit, rotate, axis, shadow, gravity, crescent, lunar, solar system.

Tier 3: geocentric, heliocentric, astronomy, atmosphere, constellations.



Is it day everywhere in the world?

Why is Pluto a dwarf planet?



What is geocentric versus heliocentric?

What does orbit mean?