

Journey into the Unknown

Term 5 – Year 5 & 6

Vocabulary

Orbit – the curved path of an object around another object (eg – the earth around the sun).

Rotation – the action of spinning around an axis or centre point.

Heliocentric – representing the sun as the centre of the solar system.

Geocentric – representing the earth as the centre of the solar system.

Reflection – the throwing back of an image or light wave.

Refraction – the bending of a wave (such as light)

Opaque – not able to be seen through.

Transparent – see through.

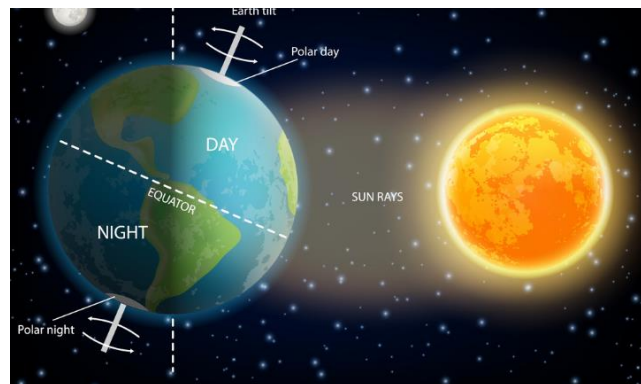
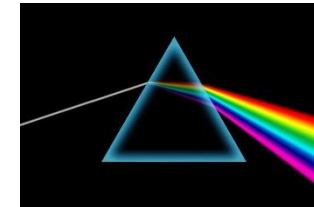
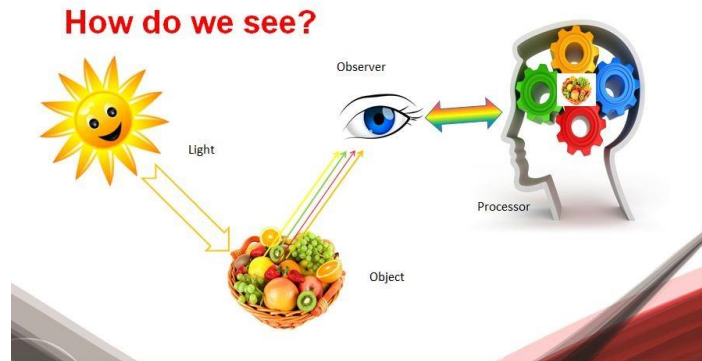
The Solar System

The Earth orbits Sun 365 ¼ days.

Sun, Earth and Moon are almost spherical.

The solar system consists of the Sun and eight official planets (and at least three dwarf planets) that orbit the Sun.

Unsupported objects fall to the Earth because of gravity.



Light

Light sources create light which travels in straight line.

This light is reflected off of objects into the eye which is how we see.

Shadows are created when the light waves are blocked by an opaque object.