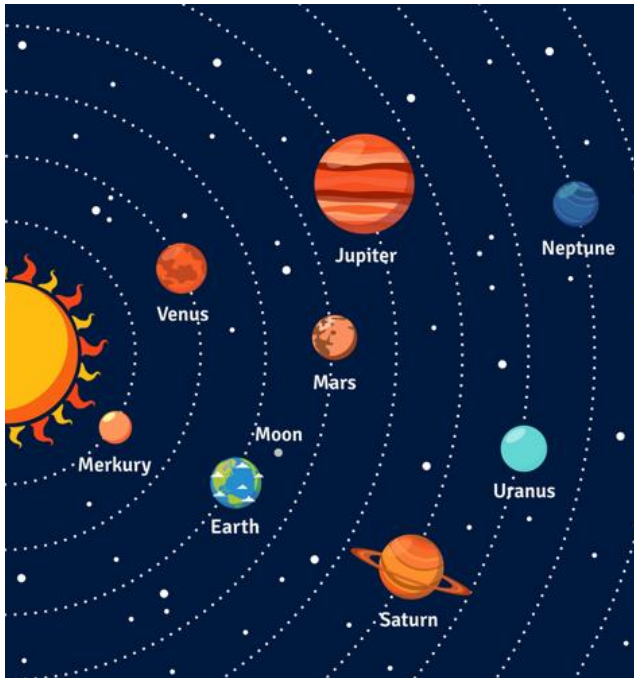


# Space and Light

This half term in Class 3 we will be investigating the planets in our solar system with an in-depth look at the science topic of light.



## Planets

Key skills and knowledge that the children should know by the end of this topic are:

- To be able to describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- To be able to describe the Sun, Earth and Moon as approximately spherical bodies
- To be able to use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

## Light

Key skills and knowledge that the children should have at the end of this topic are:

- To be able to recognise that they need light in order to see things and that dark is the absence of light
- To notice that light is reflected from surfaces
- To be able to recognise that light from the sun can be dangerous and that there are ways to protect their eyes
- To be able to recognise that shadows are formed when the light from a light source is blocked by an opaque object
- To find patterns in the way that the size of shadows change.



## Vocabulary

Formed, opaque, cause, shadow, surface, reflected, absence, Solar system, spherical, rotation, sun dial