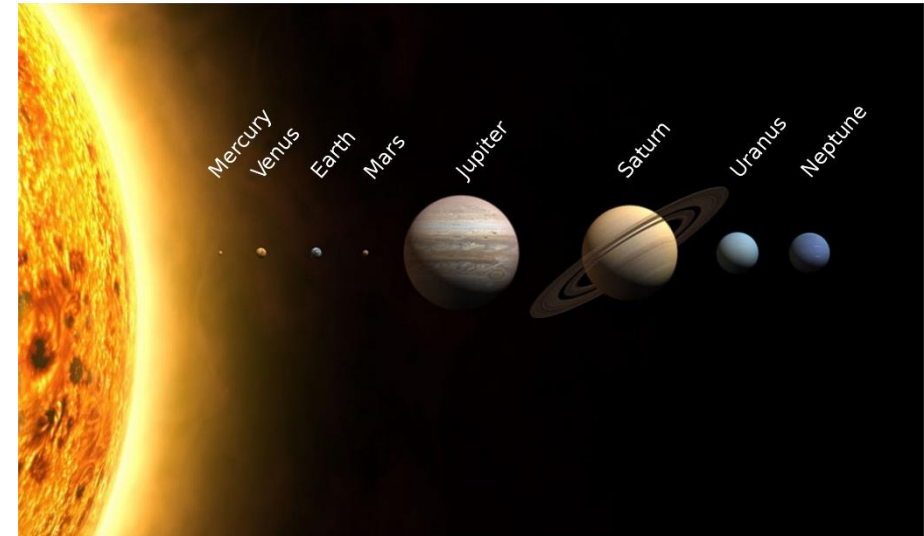
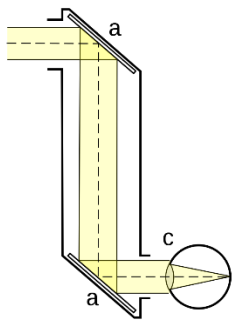
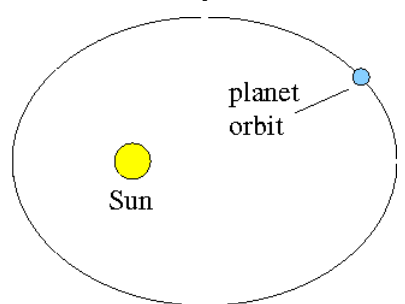


Knowledge Organiser

Year 4: Science – Earth, Space and Light

Key Vocabulary	Definition
Solar System	The Sun, the eight planets, their moons, and other smaller objects together make our Solar System.
Orbit	The curved path of a celestial object or spacecraft round a star, planet or moon.
Rotation	Turning around an axis.
Opaque	Not letting light pass through.
Reflection	Heat, light, or an image that bounces off an object or surface.
Transparent	Letting light pass through.
Ultraviolet light	An invisible part of the 'electromagnetic spectrum'. It comes from the sun and is transmitted in waves.



Periscope	Ellipse
	
A periscope is an instrument that uses mirrors to allow a person to see over an obstacle. Submarines use them.	All orbits are elliptical in shape, meaning they're egg-shaped or oval, rather than circular.

