

Earth and Space – Spring 1

Key Vocabulary:

Lesson 1: **Solar System** - consists of the Sun and everything that orbits, or travels around, the Sun.

Lesson 2: **Sphere** - a perfectly-round 3D shape with one continuous curved surface

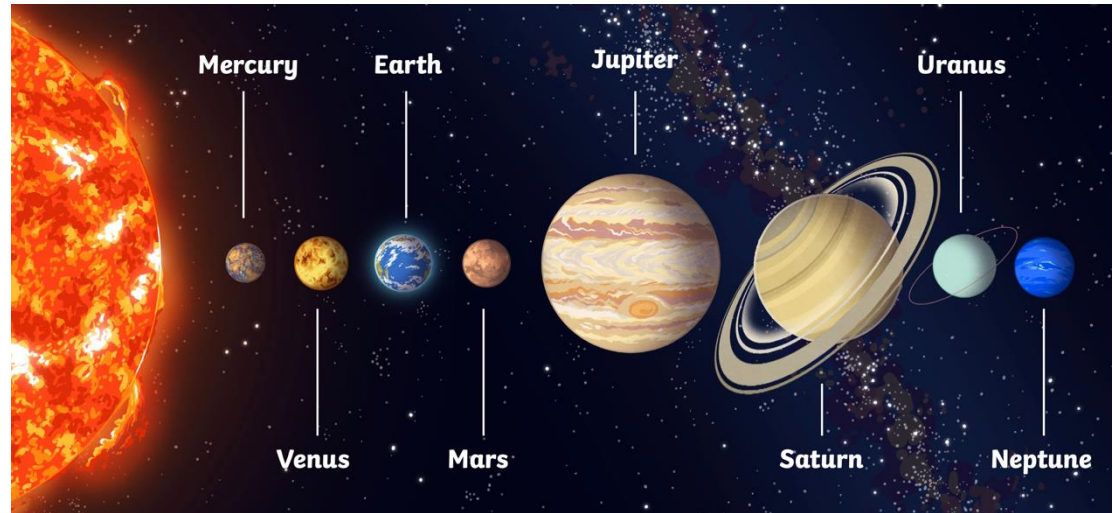
Lesson 3: **Orbiting** - a regular, repeating path that one object in space takes around another one.

Lesson 4: **Rotating** - moving around a fixed point.

Lesson 5: **Time Zone** – the time in an area

Lesson 6: **Eclipses** - when one body such as a moon or planet moves into the shadow of another body.

Lesson 7: **Phases of the Moon** - when viewed from the Earth, the Moon changes because different parts are illuminated at different times.



Key Knowledge:

The Sun is a star, not a planet.

There are 8 planets that orbit around the Sun.

Earth takes $365\frac{1}{4}$ days to orbit the Sun.

Earth rotates (spins) on its axis every 24 hours.

As Earth rotates, half faces the sun (day) and half faces away (night)

As the Earth rotates, the Sun appears to move across the sky.

The Moon orbits Earth; it takes about 28 days.

Lesson Journey:

Lesson 1: The Planets

Lesson 2: Earth, Moon and Sun as Spherical Bodies

Lesson 3: Geocentric vs Heliocentric Theories

Lesson 4: Night and Day

Lesson 5: Night and Day Internationally

Lesson 6: Movement of the Moon

Lesson 7: Phases of the Moon

Interleaving Links:

Reception: Earth and Space

Year 1: Seasonal Changes