

PROJECT PLACEMAT - DISCOVER - IS THERE ANYTHING OUT THERE?

Sticky Knowledge

- Movement of the Earth and the planets
- Movement of the Moon
- Night and day
- Know about and explain the movement of the Earth and other planets relative to the Sun
- Know about and explain the movement of the Moon relative to the Earth
- Know and demonstrate how night and day are created
- Describe the Sun, Earth and Moon (using the term spherical)

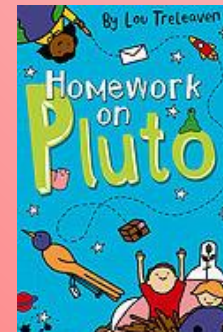
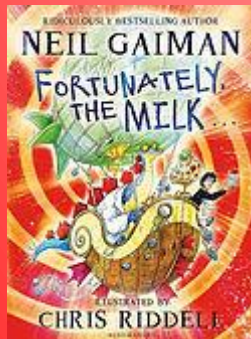
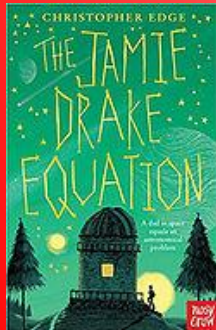
Important Ideas

- Bravery
- Collaboration
- Dedication
- Evidence
- Knowledge
- Life
- Resilience
- Survival

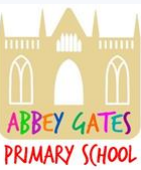
Crucial Connections

- <https://www.esa.int/kids/en/learn?s509519/s509539>
- <https://www.bbc.co.uk/bitesize/topics/zkbbkqt>
- <https://spaceplace.nasa.gov/menu/parents-and-educators/>
- <https://www.dkfindout.com/uk/space/>
- <https://www.q-files.com/space/>
- <https://www.esa.int/kids/en/home>
- <https://www.nasa.gov/kidsclub/index.html>

Reading Recommendations



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Subject Specific Vocabulary

Orbit - An orbit is a repeating path that one celestial body takes around another.

Solar system - The solar system is made of the eight planets that orbit our sun; it is also made of asteroids, moons, comets and lots more.

Astronomical - Astronomy is the study of outer space, focusing on celestial bodies such as stars, comets, planets and galaxies.

Planet - There are 8 planets in our solar system, they are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.

Rotation - Rotation is when a shape is turned around a fixed point.

Spherical - Something spherical is like a sphere in being round, or more or less round, in three dimensions.

Crescent moon - It is a slither of the moon that is lit up and can be seen. It is less than half the moon.

Gibbous moon - The best way to describe a gibbous moon is that the moon is three-quarters lit up.

Eclipse - An eclipse occurs when an astronomical object is temporarily obscured. A lunar eclipse is when the Earth moves between the Sun and the Moon, therefore blocking the Sun's rays from striking the Moon.

Possibilities

Crime scene investigator, Food technologist, Forensic scientist, Medicinal chemist, Meteorologist, Microbiologist, Nanotechnologist, Toxicologist

Important Facts

- Know about and explain the movement of the Earth and other planets relative to the Sun.
- Know about and explain the movement of the Moon relative to the Earth.
- Know and demonstrate how night and day are created.
- Describe the Sun, Earth and Moon (using the term spherical).
- Know information about the planets.
- Neil Armstrong was the first man to step on the moon.