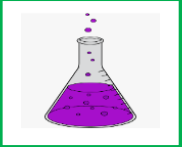


What does space teach me about the Earth?



Essential Project Pre-Learning

- Weather is different in the four seasons, and day length changes through the year
- We need light in order to see things and that dark is the absence of light
- Light is reflected from surfaces
- Light from the Sun can be dangerous and there are ways to protect our eyes
- Shadows are formed when the light from a light source is blocked by an opaque object



Essential Project Learning

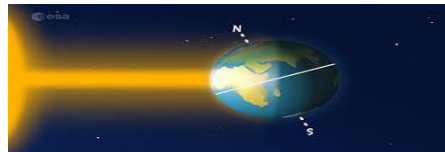
- Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune are the planets that orbit the Sun, which is at the centre of our solar system
- The Sun, Earth and Moon are spherical bodies



- The Moon orbits the Earth anti-clockwise and takes approximately 28 days
- The Moon spins once on its axis every time it orbits Earth. This means that we only see one side of the Moon
- The Moon has different phases depending on where it is in its orbit. At different times, the Moon appears to be different shapes because the Sun lights up different parts of the Moon. The Moon's gravity causes high and low tides



- The Earth rotates every 24 hours, giving us day and night. When we face the Sun, the other side of Earth is in darkness
- Earth rotates on an axis. Earth takes a year to orbit the Sun and it is the tilt which creates the seasons



Language Dozen

Lunar	Describes anything related to the Moon	
Solar	Describes anything related to the Sun	
Gravity	The force that attracts a body towards the centre of the Earth, or towards any other physical body having mass	
Atmosphere	The layer of gas that surrounds Earth	
Orbit	The path of an object around a certain point in space	
Rotation	The action of rotating around a centre or axis	
Solar system	The collection of eight planets and their moons in orbit round the Sun, together with smaller bodies in the form of asteroids, meteoroids, and comets	
Phase	A distinct period or stage in a series of events or a process of change or development	
Eclipse	A complete or partial hiding of the Sun caused by the Moon's passing between the Sun and the Earth	
Asteroid	A small rocky body orbiting the Sun	
Satellite	A satellite is an object that has been intentionally placed into orbit	



“A community of learners aiming high to Excel and Exceed!”

**YEAR 5 SPRING
TERM 2026**

Essential Question:

What does space teach me about the Earth?

THE GOLDEN RULES

Do as you are asked the
first time.

Take care of everyone
and everything.

Show RESPECT at all
times.

**Good attendance is
95%+.**

**Please remember
to arrive on time!**

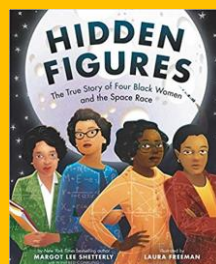
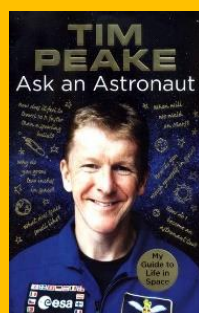


Project Outcome:

**Year 5 will produce a Space Quiz
demonstrating their knowledge of Earth
and Space that we will share on the school
website.**



Suggested Reading and Viewing



***Remember to read at least 5 days a week and
have your Learning Log signed***

Key Dates

09.02. Children's Mental
health Week
13.02. Aiming High
Assemblies
13.02. KS1 Ambassador
Games - ambassadors
helping
**13.02. Break up for half
term**

23.02. Return to school
02.03. Arts Week
04.03. Parents invited in for
arts exhibition
05.03. World Book Day
16.03. Assessment week
23.03. Project outcome on
the website
27.03. Aiming High
Assemblies
27.03. Break up for Easter

Helpful Websites

School Website
TTRockstars
Daily 10

Homework

- Learning Logs will be checked in class every Friday.
- Spellings will be set every Friday and tested every Friday.
- Children are expected to regularly access TTRockstars, practising the tables they are working on.