

What's The Big Idea? Big Idea Organiser

Year 5's Book Study - Curiosity: A Story of a Mars Rover Guiding Purpose: To hold an exhibition.

Year 5 Autumn 1
(Weeks 3-8)



Science Key Information:

We will be describing the movement of the Earth and other planets relative to the sun.

We will be describing the movement of the moon relative to the Earth.

We will be describing the shape of the Earth, sun and moon.

We will be using the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

Links to learning:

- ★ <https://solarsystem.nasa.gov/planets/earth/overview/>
- ★ <https://solarsystem.nasa.gov/solar-system/our-solar-system/overview/>
- ★ <https://www.bbc.co.uk/bitesize/topics/zkbbkqt>
- ★ <https://www.dkfindout.com/uk/space/>



Art Key Information:

We will be using monoprinting to make our own solar system and list planets based on their movement and size.

We will be using clay to make our own aliens.

Knowledge Vocabulary:

space	Earth	sun
night	day	rotation
spherical bodies	moon	axis
orbit	planets	solar system

Optional home learning activities:

- ★ **Week 3: Keep a diary of the shape of the moon every night.**
- ★ **Week 4: Create a planet out of paper mache.**
- ★ **Week 5: Make a fact file on a famous astronaut.**
- ★ **Week 6: Make sunspot cookies.**
- ★ **Week 7: Build your own spacecraft.**
- ★ **Week 8: Make a paper plate astronaut.**

KEY DATE:

YEAR 5 SPACE EXHIBITION

THURSDAY 17TH OCTOBER 2024

2:30PM - 3:15PM

Enquiry questions:

- ★ How do planets orbit?
- ★ Can we make our own display of space?
- ★ Do all planets have day and night?
- ★ How big is the galaxy?
- ★ Is there any famous stars?
- ★ How many stars are there in space?