

Year 5 Half-Term Project

Mission: Become a Space Expert!

What makes our Solar System so fascinating?

Over the half term holiday, we would like you to become a space expert and create a project to teach others about an aspect of space that interests you.

Choose Your Space Mission



Choose **ONE** of the following:

Mission 1: Planet Explorer

Research a planet from our Solar System.

Include:

- Key facts
- Distance from the Sun
- Number of moons
- Temperature
- Interesting features
- Could humans live there?

Mission 2: Astronaut Academy

Research a famous astronaut.

Include:

- Biography
- Training they completed
- Space missions
- Achievements
- Interesting facts

Examples:

- Tim Peake / Helen Sharman / Mae Jemison / Neil Armstrong / Sally Ride

Mission 3: Space Technology

Investigate a spacecraft, rover, telescope or satellite.

Examples:

- James Webb Space Telescope
- Hubble Telescope
- International Space Station
- Perseverance Rover
- SpaceX Starship

Include:

- Purpose
- How it works
- Discoveries made
- Images or diagrams

Mission 4: Life on Another Planet

Design your own planet and explain how life might survive there.

Include:

- Climate
- Landscape
- Gravity
- Plants and animals
- Food chain
- Adaptations for survival

Your Final Product

Choose how to present your work:

- You could create a poster, a model, a PowerPoint, a booklet, a video, a museum-style display or a combination of several ideas – its up to you! **USE YOUR IMAGINATION AND BE CREATIVE.**
 - PLEASE RETURN TO YOUR TEACHER BY 6th November 2026