

Knowledge Organiser-Year R and 1-Term 3

Topic title: To Infinity and Beyond

Topic Themes: Design and Technology/ Science/ Knowledge and Understanding of the World

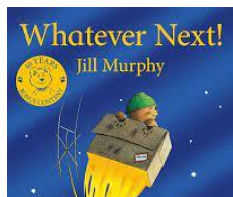
Our objectives for the topic:

- I can name the eight planets.
- I can explain what astronauts do in space.
- I can name famous astronauts.
- I can observe changes in the sky at night and day.
- I can talk about what I want to make.
- I can draw a design of what I want to make.
- I can discuss what worked well.
- I can discuss how I would improve my model.
- I can ask questions about the past.
- I can recall things that have happened to others in the past.

Essential Knowledge:

- We live on Earth, Earth is one of the planets in Space.
- We use the sun to measure time.
- The sun is the earth's closest star. without its heat and light, life on Earth couldn't exist.
- In space exploration, humans have only set foot on the moon.

Books, stories and webpages linked to the topic:



Key Vocabulary and definitions:

star		A massive ball of hot gas.
Mission control		A place where space travel is managed.
Space station		A laboratory in space where scientists carry out experiments that cannot be done on Earth.
moon		A huge lump of rock that goes around a planet.
sun		The sun is a star, a massive ball of hot gas which burns to give off heat and light.
planet		A large ball of rock or gas that goes around a star.
design		A plan or drawing produced to show the look and function or workings of an object before it is made.
product		Object that is being made/produced.
imagination		To have new ideas.
evaluate		To discuss what worked well and what didn't and discuss how you could improve it next time.

Ideas for home learning:

Can you make a model of space?



When you have completed your model, please can you bring it into school.

Interesting Facts

Most of the Earth's surface is water.

It takes 365/366 days for the earth to go around the sun.

