



St. Anne's Catholic Primary School

Year 5 Knowledge Organiser

'We Are Explorers!'

"Loving God In All We Do."



The 'We Are Explorers' topic is about ...

Throughout this topic the children will be learning about planet Earth, The Milky Way and the Solar System.

We will build on their prior knowledge beginning with the movement of the Earth, and other planets, relative to the Sun in the solar system, and learning the order of the planets from the Sun.

What we already know...

The children have some good general knowledge regarding the names of the planets in the Solar System, black holes, space travel and famous astronauts.

By the end of the topic we will know ...

All about Earth, the planets and our solar system. Also we will know about space travel and Astronauts.

By the end of the topic we will be able to ...

Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. Also, articulate and explain findings from their research using scientific knowledge, vocab and understanding.

Vocabulary

Science

space, Solar System, Universe, galaxies, Milky Way, asteroids, meteors, stars, constellations.

Design & Technology

design, investigation, 3-D models, joins, joints, levers, construction.

Art & Design

sculpture, model, scale, materials, media, observations.

Computing

passwords, online safety, security, acceptable / unacceptable behaviour, report concerns, cyber bullying, appropriate content.



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Wider curriculum learning

PE— Wednesdays—PE in school, which will be Striking and Fielding.

Thursdays—Swimming at Park Pool, which covers water safety and lifesaving.

Art— The children will design and create an alien planet out of mod-rock.

Design and Technology—The children will design and create a spaceship or rocket with moving parts.

We are going to read:

'The Kid who came from Space' by Ross Welford.

'The Space we're in' by Katya Balen.

Let's try this at home

Visit the NASA website: www.nasa.gov to explore our wonderful Galaxy and find information on Space Travel and The International Space Station.

Visit the UK Space agency at www.gov.uk/government/organisations/uk-space-agency to look at their learning resources.

Key dates for this half-term

Term dates: Tuesday, 3rd January —Thursday, 9th February

INSET DAY—Friday, 10th February (staff in school, no children)

Swimming for Year 5 at Park Pool will begin in the afternoon of Thursday 5th January 2023. The swimming lessons will continue until we finish for Easter.

Homework

Epiphany Mass—Friday, 6th January