

# 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

#### Prior Learning

##### Driver Subject—Geography

To understand what it is like to live in the Arctic compared to the UK (population, jobs and tourism)

To record and explain physical features of the Arctic. (different ice forms)

To identify the location of the Arctic Circle. (in relation to the North/South Pole, Equator, N/S hemisphere, Arctic and Antarctic Circle)

#### Our Current Learning

We will learn all about Earth, the planets and our solar system. Also we will know about the history of space travel and the 'Space Race' We will explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. Also we will articulate and explain findings from our 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.

##### French

Café, legumes, fruit, orange, pommes, Je voudrais

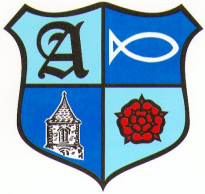
C'est combine, tiens

##### PE

Forehand, backhand, serve, volley, smash

##### PSHE

Relationships, qualities, skills



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## RE

We will be looking at Mission and self-sacrifice. We will study the church and our diocese to see their mission and link to our mission in life. We will study famous people who have sacrificed themselves for others.

## Wider curriculum learning

PE— Wednesdays—PE in school, which will be tennis.

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

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

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

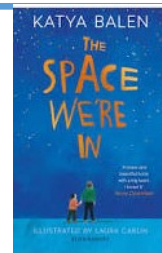
French—We shall be learning to shop in cafes and food restaurants/markets.

Geography—We shall be looking at Ordnance Survey maps and using 4 or 6 figure grid references to find locations.

## We are going to read a range of texts from:

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

'The Space We're In' by Katya Balen.



## Key dates for this half-term

**Term dates**—Monday, 8th January —Thursday, 8th February

**INSET Days**— Friday 9th February

**Swimming for Year 5**—At Park Pool will begin in the afternoon of Thursday 11th January 2024. The swimming lessons will continue until we finish for Easter. We also have tennis on a Wednesday morning.

**Homework**—Spellings, multiplication tables, TT Rockstars and Century to be in every Friday