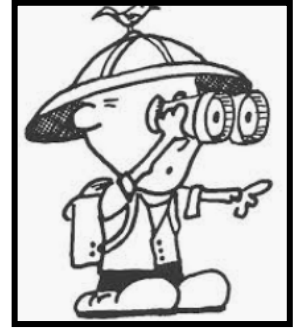


# St. Anne's Catholic Primary School

## Year 5 Knowledge Organiser

### 'We Are Explorers!'

*"Loving God In All We Do."*



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

During this topic the children will be learning about Earth, Space and the Solar System.

We will have a visit from a portable planetarium company called, 'Wonder Dome' to broaden our knowledge of space and space exploration.

#### What we already know...

Some of the children know most of the names of the planets in the solar system. They are also aware that Ceres and Pluto are known as dwarf planets.

They know the sun is 5600° Celsius, and that when stars become too hot they explode.

#### By the end of the topic we will know (NC)

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 (skills progression)

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.

##### Music

Film Music: composers, dynamics, tempo, pitch, genre, instruments, vocals, suitability.

##### Art & Design

Sketch, label, model, scale, materials.

##### Computing

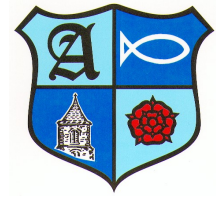
Passwords, online safety, security, acceptable / unacceptable behaviour, report concerns, cyber bullying, appropriate content.



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### Wider curriculum learning

PE—Swimming, water safety and lifesaving.

French— Read carefully and show understanding of words, phrases and simple writing.

Art— Record their thoughts and experiences in a sketch book, and annotate these in order to aid the development of their ideas for making a spacecraft.

### We are going to read:

Cosmic by Frank Cottrell-Boyce.

Frank was a pupil at the school Mr Knowles taught at prior to St. Anne's.

### In collaborative learning this half-term we are going to

We will be designing and making a model of a spaceship or spacecraft.

### Let's try this at home

Visit the Planetarium at the **World Museum**, Liverpool. Information at [www.liverpoolmuseums.org.uk](http://www.liverpoolmuseums.org.uk) Book tickets online: Adult tickets, £3.00 , Children £2.00

Visit **Spaceport**, Liverpool information can be found at [www.spaceport.org.uk](http://www.spaceport.org.uk)

### Key dates for this half-term

Swimming for Year 5 begins on Thursday 9th January 2020