



St. Anne's Catholic Primary School

Year 5 Medium Term Plan 'We are Explorers'



RE

Mission:

The Church, the Christian family, is made up of smaller Christian families called dioceses. Each diocese is led by a bishop. The bishops continue the work of 'the twelve', the apostles, who continued the work and mission of Jesus. Jesus is the head of these families. He is the head of the Church. There are other Christian families which are not part of the Catholic Church. Ecumenism is the word used for promoting unity among Christian churches. One of the final prayers of Jesus was that all Christian families might be one.

English

Science fiction stories:

'Cosmic' by Frank Cottrell Boyce

Information booklets:

We will be using our scientific knowledge to write detailed reports on the Earth and the solar system, to create Information booklets.

Poems with a structure:

Poems based on the topic of Earth and Space.

Maths

In maths we will be studying the following units of work, week by week:

Place Value, including negative numbers.

Addition and Subtraction

Mental and written multiplication.

Measurement, length, mass and capacity.

Geometry, shape, reflection and translation

Driver Subject

Science: Earth and Space

Working Scientifically:: Using independent and collaborative research to study the planets and the solar system.

Describe the movement of the Earth, and other planets, relative to the Sun and each other in the solar system.

Describe the movement of the Moon relative to the Earth.

Describe Sun/Earth/Moon as approximately spherical bodies.

Use the idea of the Earth's rotation to explain day and night.

The Earth spins once around its own axis in 24 hours, giving day and night.

The Earth orbits the Sun in one year.

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The Earth orbits the Sun in one year.

We can see the Moon because the Sun's light reflects off it.

Scientific Enquiry

Find out how scientific ideas have changed / developed over time (linked to Y5 PoS).

Articulate and explain findings from their research using scientific knowledge and understanding.

Make decisions about which information to use from a wide range of sources.

Art & Design

To use their knowledge of drawing, painting, sculpture and other art, craft and design techniques to work creatively e.g. adapting the style of Andrew Goldsworthy to create their own effect.

Children will be confident when working with a wide range of tools and materials to create different effects, e.g. use a graphics package to manipulate an image by applying a filter.

Computing

Tuesday 9th February: Safer Internet Day 2021

Digital Literacy: Internet safety assemblies across the school.

Computer Science: Games creator using Purple Mash and programming with Mr Farrimond using Java Script.

Design Technology

Design, make and paint a planet from Mod-roc.

Design and make a spacecraft, including Design and Technology skills.

Skills:

Record ideas using annotated diagrams.

Use models, kits and drawings to help formulate design ideas.

Sketch and model alternative ideas.

Decide which design idea to develop.

History

No history /Geography this half term as the driver is science and DT.

PE

Swimming and water safety at Park Pool to be confirmed nearer the time due to current restrictions.

Aim: To swim confidently and competently over a distance of at least 25 metres.

Music

To appreciate and understand a wide range of high quality live and recorded music drawn from different traditions and great composers and musicians.

Collaborative Learning

To use the spacecraft models and mod-roc planets as well as scientific research to have a space exhibition for parents and governors in the school hall. (Restrictions permitting)