

Y5 – Sum 2 – How can Christians live well within the limits of Nature?



Impact

By the end of this unit children will...

Throughout this unit children will gain further understanding on their local knowledge of Earth. They will be able to identify the position and significance of longitude and latitude as well as the tropics and hemispheres. They will begin to see the relationship between our solar system and how the sun plays a vital part to all life on earth. As they explore the geographical features of Earth they will begin to see how the natural resources are used and distributed throughout the world's population and question whether these practices are sustainable and ethical. Children will discuss how God's creations are being exploited and how they can make a difference to the future of the planet by living within their limits.

Intent

"Perhaps reluctantly we come to acknowledge that there are also scars which mark the surface of our earth: erosion, deforestation, the squandering of the world's mineral and ocean resources in order to fuel an insatiable consumption" Pope Benedict XVI, World Youth Day 2008

Through the delivery of this unit children will have the opportunity to explore how the world's natural resources are used. They will begin to formulate their own opinions on the state of the Earth and discuss whether any one of God's creations should have priority over others.

Building the Kingdom

Big Question

How can Christians live well within the limits of nature?

Further questions to explore:

Is the world divided?

How has mass population affected the world?

How important is the sun to life on Earth?

Should nature be exploited?

How does time shape our society?

Catholic Social Teaching

Care for Creation

Respect for human life means respecting all of God's creation. We must re-engage with our environment and take responsibility for it; live sustainably, live so that there are enough resources for everyone.

"Creation is not a property, which we can rule over at will; or, even less, is the property of only a few: Creation is a gift, it is a wonderful gift that God has given us, so that we care for it and we use it for the benefit of all, always with great respect and gratitude." Pope Francis

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Core Subjects

Religious Education

Pentecost

Pupils will know about the transformation of the Apostles of Jesus through the gift of the Holy Spirit. They will know that the Holy Spirit is included in the Church's belief in the Holy Trinity. They will be able to discuss some of the qualities of the Holy Spirit.

The work of the Apostles

Pupils will have a knowledge of the work of the Apostles after Pentecost. They will understand some reasons why they were so keen to proclaim the Resurrection of Christ to the world.

Marriage and Holy Orders

Pupils understand that Marriage and Holy Orders are important Sacraments of Commitment in the Church. It will also help them appreciate that everybody has some responsibility and part to play in the life of the Church.

English

Explanation text – Science link.

Children to write an explanation text about the solar system.

Identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models of their own.

Using a wide range of devices to build cohesion within and across paragraphs.

Using further organisational and presentation or devices to structure text and guide the reader.

Poetry:

Perform their own compositions, using appropriate intonation, volume and movement so that meaning is clear.

Preparing poems and plays to read aloud and to perform showing understanding through intonation, tone, and volume, so that the meaning is clear to an audience.

Linked Text: 3 Little Aliens.

Identify and discuss themes and conventions in an across a wide range of books.

Read books that are structured in different ways and read for a range of purposes.

Maths

Geometry: Position and Direction

Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

Measurement: Converting Units

Convert between Different units of metric measure (For example kilometre and metre. Centimetre and metre, centimetre and millimetre. Gramme and kilogramme. Litre and Millilitre)

understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints
solve problems involving converting between units of time.

Measurement: Volume

estimate volume [for example, using 1 cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water.

use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.

Science

Earth and Space:

Children will be able to identify important features of the solar system, as well as being able to identify how it affects everyday life.

Pupils should be taught to:

- Describe the movement of the Earth and other planets relative to the sun in the Solar system
- Describe the movement of the moon relative to the earth.
- Describe the sun, Earth, and moon as approximately spherical bodies.
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

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Foundation Subjects

History and Geography

Geography

Locational knowledge

Identify the position and significance of latitude, longitude, equator, Northern hemisphere, southern hemisphere, the tropics of cancer, and Capricorn Arctic and Antarctic Circle, the Prime Greenwich Meridian and time zones, including day and night.

Human and Physical

Describe and understand key aspects of physical geography including climate zones, biomes, and vegetation belts

Distribute distribution of a natural resources, including energy, food, minerals, and water.

Art and Design and Design Technology

DT- Cooking and Nutrition

Understand seasonality, I know where and how a variety of ingredients are grown, reared, caught and processed
How to use a range of techniques such as peeling, chopping, slicing, grating, mixing, spreading, needing, and baking
Know that different food and drink contains different substances, nutrients, water, and fibre dash that are needed for health.

Art - to draw.

Experiments with line tone and shade. Uses a range of materials for two produce line tone and shade
Selects appropriate media and techniques to achieve a specific outcome
Developed their own style and techniques using tonal contrast and mixed media.

Computing

Pupils will be taught how:

To use sequence, selection, and repetition in programs; work with variables and various forms of input and output.

Music

Pupils will be taught how:

Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, and expression
Improvise and compose music for a range of purposes using inter-related dimensions of music.

Physical Education

Dance

Pupils should continue to apply and develop a broader range of skills. Learning how to use them in different ways and to link them to make actions and sequences of movement.

Develop flexibility, strength, technique, control and balance near line.

Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

Rounders

Play Competitive games, Modified where appropriate and apply basic principles suitable for attacking and defending

Develop flexibility, strength, technique, control and balance.

PHSE

Children will consolidate their understanding of the units that have been covered so far throughout the school year and will begin transition work in preparation for year 6. This time will also be used to reflect on their transition towards Confirmation and using what they have learned to be good Catholics and citizens in society.

Children will celebrate World Environment Day, Parish Week and Money Week during this half term.