

YR 5

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

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

How can Christians live well within the limits of nature? Y5: Knowledge and Skills

Core Subjects

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 for their own
- using a wide range of devices to build cohesion within and across paragraphs
- using further organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining]

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- Common Ground (Molly Bang)

- Identify and discuss themes and conventions in and across a wide range of books
- Read books that are structured in different ways and read for a range of purposes

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.

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.
- Distribution of natural resources including energy, food, minerals and water

Art and Design and Design Technology

DT- cooking and nutrition:

- Understand seasonality, and 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, kneading and baking
- Know that different food and drink contain different substances- nutrients, water and fibre- that are needed for health

Art- To draw

- Experiments with line, tone and shade Uses a range of materials to produce line, tone and shade
- Selects appropriate media and techniques to achieve a specific outcome
- Develop their own style and techniques using tonal contrast and mixed media

Music

External music lessons- Cornets and Baritones

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

Computing

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

How can Christians live well within the limits of nature? Y5: Knowledge and Skills

Core Subjects

Maths

Fractions

- compare and order fractions whose denominators are all multiples of the same number
- identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $5\ 2 + 5\ 4 = 5\ 6 = 15\ 1$]
- add and subtract fractions with the same denominator and denominators that are multiples of the same number
- multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams \boxtimes read and write decimal numbers as fractions [for example, $0.71 = 100\ 71$]
- recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- round decimals with two decimal places to the nearest whole number and to one decimal place
- read, write, order and compare numbers with up to three decimal places
- solve problems involving number up to three decimal places
- recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal
- solve problems which require knowing percentage and decimal equivalents of 2 1, 4 1, 5 1, 5 2, 5 4 and those fractions with a denominator of a multiple of 10 or 25.

RE

Lent:

To know that Lent is a Season of Change for Christians to become more like Christ. Understand some things that damage human relationships and the consequences of giving in to temptations that are wrong. Recognise that the Sacrament of Reconciliation is the Church's celebration of God's forgiveness of sin.

Holy Week:

To know many of the events of the last week of Jesus' life. Understand the reasons why some people wanted to kill Jesus. Know the story of the Passover and recognise key links between this story, the Last Supper, and the celebration of Mass.

Foundation Subjects

P.E.

Gymnastics

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 [for example, through athletics and gymnastics]
- compare their performances with previous ones and demonstrate improvement to achieve their personal best.

Hockey

- play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending
- develop flexibility, strength, technique, control and balance

Peacemakers

Peaceful Actions and Behaviours

- What is anger?
- How does it show?
- Is anger an acceptable feeling?
- How can we control our anger?
- Are we responsible for causing other people's anger?

Children will celebrate International Women's Day and ASC (Autism) Awareness Day.