

# YR 5

## Does humanity 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 knowledge of Earth. They will be able to identify the position and significance of longitude and latitude as well as the tropics and hemispheres. 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 through trade 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. They will explore how population, mass consumption and climate change are impacting our natural resources and environment and raise awareness of these issues, particularly famine, through their creative writing and formal speech.

### 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

Does humanity live well within the limits of nature?

#### Further questions to explore:

Is the world divided?

How has mass population affected the world?

Should nature be exploited?

### Catholic Social Teaching

#### Solidarity

In our connected humanity, we are invited to build relationships to understand what life is like for others who are different from us.

#### The Common Good

The common good is reached when we work together to improve the wellbeing of people in our society and the wider world. The rights of the individual to personal possessions and community resources must be balanced with the needs of the poor and vulnerable.

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

## Core Subjects

### English

During this topic, pupils will read 'The Last tree' by Emily Haworth-Booth and 'The Lorax' by Dr Seuss.

#### Narrative (short story):

- Pupils will write a short story inspired by the activism of the main characters in 'The Last Tree' and 'The Lorax'. Their narrative will focus on the global issue of famine.

#### SPaG Focus:

- Recognise structure and vocabulary that are appropriate for formal speech and writing.
- Use relative clauses using a relative pronoun.

#### Spelling Focus:

- Homophones and other words that are often confused.

### Science

#### Forces:

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.
- Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.

## 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.
- Identify Prime/Greenwich Meridian and time zones.

##### Human and Physical

- Describe and understand key aspects of human geography including the distribution of natural resources including food and minerals.

### Art and Design and Design Technology

#### Art and Design

Pupils will explore a variety of different photography from the Madagascar famine and evaluate this as a source of information.

Pupils will then develop their drawing and use of colour skills to create their own piece of artwork about the Madagascar famine.

##### Skills:

- Produce increasingly accurate drawings of people.
- Produce increasingly detailed preparatory sketches for painting and other work.
- Introduce the concept of perspective.
- Controlling and experimenting particular qualities of tone, shades, hue and mood.
- Use colours to express moods and feelings.

### Music

#### Cornets and Baritones (once per week)

- Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.
- Listen with attention to detail and recall sounds with increasing aural memory.

### Computing

#### Video editing

- Information Technology: Pupils will plan, film, edit and evaluate a video.

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

## Core Subjects

### Maths

#### Multiplication and Division- during this unit, pupils will be taught to:

- Pupils will be taught to multiply a 4-digit number by a 1-digit number.
- Multiply a 2-digit number by a 2-digit number.
- Multiply a 3-digit number by a 2-digit number.
- Multiply a 4-digit number by a 2-digit number.
- Use short division.
- Divide a 4-digit number by a 1-digit number.
- Divide with remainders.
- Solve problems with multiplication and division.

#### Fractions- during this unit, pupils will be taught to:

- Multiply a unit and non-unit fraction by an integer.
- Multiply a mixed number by an integer.
- Calculate a fraction of a quantity.
- Find a fraction of an amount.
- Find the whole.
- Use fractions as operators.

### RE

#### Marriage & Holy Orders

- That Marriage and Holy Orders are Sacraments of Commitment.
- The promises made in Marriage and key tasks of the Archbishop, Priests and deacons.
- The meaning of the Body of Christ as a term for roles and responsibilities in the Church.

## Foundation Subjects

### P.E.

#### OAA

Children will develop communication, problem solving and teamwork skills as they work together to complete a variety of activities.

#### Outdoor PE: Striking and Fielding (cricket)

Pupils apply with cricket rules in a variety of styles of games, attempt a small range of recognised shots, use a range of tactics for attacking and defending in the roles of bowler, batter and fielder.

### Peacemakers

#### Peaceful Choices

Through these lessons the children will:

- Be able to discuss in a calm and clear way, what is right and wrong in different situations.
- Recognise and respect that others may not agree with you about these matters.
- Understand why it is important to follow agreements and rules in order to maintain peace.
- Know how to question and challenge others in the group.
- Be able to stand up for your own beliefs, opinions and ideas.