

Y6

Are natural resources a curse or blessing?



Impact

By the end of this unit children will...

Learn how the earth is full of resources but these resources are not always fairly distributed; that there are areas of the world that have a rich abundance of resources and communities living in wealth where others are living in poverty in places where earth provides them with very little. They will come to understand how the earth is running out of some resources and how some of the resources we have mined from the earth and have commonly used have caused harm and damage to the planet. They will look at the impact that Fair Trade has on workers.

As children zoom into the resources found here in the UK, they will have discovered if we have used them well. Children will learn how humans have caused harm to the earth through their exploitation of the earth's goods and how we are called into a relationship with nature to protect the earth.

Intent

It is our vision that our children will become advocates for social justice, fighters for sustainability, seekers of equality and leaders seeking to become "builders of a new humanity" *Pope Francis*.

Through this unit of work children will come to deeper understanding of how they can fulfil their role as "fighters for sustainability"

Building the Kingdom

Are natural resources a curse or blessing?

Further questions to explore:

How well do we use the earth's resources?

How do we use the earth's resources to meet our needs?

Is the distribution of natural resources fair?

Catholic Social Teaching

Care for Creation

In the first pages of the Bible, we read how God created the sun and the stars, the water and earth, and every creature. In 2015, Pope Francis brought together decades of Church teaching in *Laudato Si'* where he invited everyone on the planet to consider how our actions are affecting the earth and the poorest people. Everything is interconnected, and all of creation praises God. It is our Christian vocation to care for creation.

Are natural resources a curse or a blessing? Year 6: Knowledge and Skills

Core Subjects

English

During this topic, pupils will write a...

Formal letter to persuade the CSEL of our MAC to invest in renewable energy, inspired by *The Boy who Harnessed the Wind* by William Kamkwamba and Bryan Mealer.

Fable to entertain and share a moral with KS1 children, inspired by *Aesop's Fables*.

SPaG focus: Colons to introduce lists, using expanded noun phrases, synonyms and antonyms; modal verbs.

Spelling: Adding the prefix '-over', words with the suffix '-ful', words that can be nouns and verbs, words with an /oa/ sound spelled 'ou' or 'ow', words with a 'soft c' spelled 'ce', words with the prefixes 'dis-', 'un-', 'over-' and 'im-'

In **Guided Reading**, pupils will be reading *A Wrinkle in Time* by Madeleine L'Engle, exploring the text through VIPERS (vocabulary, inference, prediction, explanation, retrieval, summaries and sequences).

Science

Electricity

Pupils will be able to:

- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.
- use recognised symbols when representing a simple circuit in a diagram.

Foundation Subjects

History and Geography

Geography: Distribution of natural resources

Physical and Human Geography

Pupils will study the distribution of natural resources including energy, food, minerals and water.

Geographical Enquiry:

Pupils will ask questions about land-use patterns, using statistics to suggest why aspects have changed over time.

Art and Design and Design Technology

Design Technology: Mechanisms

Pupils will create their own well using a pulley system, showing that they can understand and use mechanical systems in their products.

Music

Pupils will listen to a range of high quality music within lessons.

Computing

Select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Are natural resources a curse or a blessing? Year 6: Knowledge and Skills

Core Subjects

Maths

Fractions, Decimals and Percentages

- Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction.
- Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.
- Solve problems involving the calculation of percentages and the use of percentages for comparison.

Ratio

- Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.
- Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.
- Solve problems involving similar shapes where the scale factor is known or can be found.

Algebra

- Use simple formulae; generate and describe linear number sequences.
- Find pairs of numbers that satisfy an equation with two unknowns; enumerate possibilities of combinations of two variables.
- Express missing number problems algebraically

RE

Belonging to the Church Community

In this unit of work, the children will learn about:

- the foundations of the life and teaching of the Catholic Church being rooted in the life and teaching of the Apostles.
- the role of the Pope and local Bishop in the life of the universal and local Church.
- the life of the local parish community where the faith of God's People is nourished and celebrated.

Foundation Subjects

P.E.

Indoor PE: Gymnastics

Pupils will perform increasingly complex sequences, combine own ideas with others to build sequences, compose and practise actions and relate to music and show a desire to improve competency across a broad range of gymnastics actions.

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

Multi-faith Week

What do you need?

Exploring Peer Pressure

Diamond ranking

Bus stop

E-Safety