



Sharks /Mercury Class Autumn 2

Are natural resources a curse or a 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. 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	Building the Kingdom	Catholic Social Teaching
<p>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.</p> <p>Through this unit of work children will come to deeper understanding of how they can fulfil their role as “fighters for sustainability”</p>	<p>Big Question:</p> <p>Are natural resources a curse or blessing?</p> <p>Further questions to explore:</p> <p>How well do we use the earth's resources?</p> <p>How do we use the earth's resources to meet our needs?</p> <p>How are natural resources distributed?</p>	<p><u>Care for Creation</u></p> <p>As children of God we are called to protect people and the planet, and to live out our faith in a living and respectful relationship with all of creation. As we see how the earth is exploited for its natural resources, we are called to engage with this environmental challenge that cannot be ignored. “Everything is connected. Concern for the environment thus needs to be joined to a sincere love for our fellow human beings and an unwavering commitment to resolving the problems of society.” Pope Francis, Laudato Si</p>

Key enquiry question: Knowledge and skills

Core Subjects

Religious Education

I can make links to show how feelings and beliefs about expectations affect my behaviour and that of others.

I can engage with and respond to questions about expectation in the light of religious teaching.

I can make links between scripture of religious belief in Advent as a time of joyful expectation.

I can describe and show understanding of religious sources, beliefs, ideas, feelings and experiences of Advent as a time of joyful expectation of Christmas making links between them.

Science

Evolution and Inheritance:

I can recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago

I can recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents

I can identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

Foundation subjects

Geography

describe and understand key aspects of:

- physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle
- human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

Art and Design

design purposeful, functional, appealing products for themselves and other users based on design criteria

select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics

explore and evaluate a range of existing products

evaluate their ideas and products against design criteria

Music

Being taught in Aut 2

Computing

Computing systems and networks

Search engines—Bletchley Park

Key enquiry question: Knowledge and skills

Core Subjects

Maths

I can multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication

I can divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context

I can divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context

I can perform mental calculations, including with mixed operations and large numbers

I can identify common factors, common multiples and prime numbers

English

Non—chronological report

Fiction—Suspense and action

The Manor House

I can draft and edit my writing taking into account the audience and purpose for the writing.

I can select and use appropriate grammar and vocabulary.

I can assess the effectiveness of my own and others' writing.

Foundation subjects

French

broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary

write phrases from memory, and adapt these to create new sentences, to express ideas clearly

describe people, places, things and actions orally* and in writing

PE

Make up longer, more complex sequences, including changes of direction, level and speed

Develop their own solutions to a task by choosing and applying a range of compositional principles

Combine and perform gymnastic actions, shapes and balances

Show clarity, fluency, accuracy and consistency in their movements

Say, in simple terms, why activity is good for their health, fitness and wellbeing

Show an awareness of factors influencing the quality of a performance and suggest aspects that need improving

PSHE

I know that similarities and differences between people arise as they grow and mature, and that by living and working together ('teamwork') we create community;

I know that self-confidence arises from being loved by God (not status, etc).

I know that human beings are different to other animals.