

Y6 - Aut 1 - How well do we use earth's resources?



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 whereas 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

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 fulfill their role as "fighters for sustainability."

Building the Kingdom

How well do we use the earth's resources?

Further questions to explore:

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

How are natural resources distributed?

Catholic Social Teaching

Mary's birthday and The Holy Family

What makes community?

Who is community?

How do we build a community?

How do we build up a Kingdom of God?

Harvest

How are all things in this world connected?

There is enough for everybody's needs but not everybody's greed.

How are we stewards of God's world?

Where do you see God in creation?

Are natural resources a curse or a blessing?

Core Subjects

Religious Education

The story of the people of God:

- Know that the Bible is a library of books that can be placed into different categories.
- Identify some styles of literature found in the Bible.
- Know some stories of significant people from the Old Testament.
- Know and reflect on the commandments.

Followers of Christ:

- Discuss in greater detail reasons why the first disciples of Jesus chose to follow Him.
- Talk about some of the challenges of being a disciple of Christ.
- Ask questions and give answers about why some people have died for their belief in Christ.

Maths

Place Value:

- Know numbers from ten thousand to ten million.
- Compare and order any number.
- Round numbers to 10, 100 and 1000.
- Round any number.
- Use and understand negative numbers.

Four Operations:

- Add and subtract whole numbers with more than 4 digits.
- Short and long division.
- Long multiplication.
- Multi-step problems.
- Factors, multiples and prime numbers.
- Square and cube numbers.
- Order of operations.

English

Writing:

- Draft and write by selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning.
- Review my work to further describe and develop settings, characters and the narrative atmosphere.
- Plan the structure of my writing by identifying the audience for my text and the purpose of the writing, including retelling a narrative, letter writing and dialogue between characters.

Reading:

- From my reading, I can predict what may happen in a story from details given and suggested in the text.
- I am able to justify my views.

Science

Future Visions of our Planet

During this unit, we will explore the changes our planet has undergone, particularly due to the effect of global warming. Pupils will identify scientific evidence that has been used to support or refute ideas or arguments; explore ideas and raise different types of questions; look for different casual relationships in data and identify evidences that refutes or supports your ideas and talk about how scientific ideas have developed over time.

Are natural resources a curse or a blessing?

Foundation Subjects

History and Geography

Geography: Exploring Scandinavia:

Physical and Human Geography

Pupils will be able to describe physical changes including climate zones, volcanoes and earthquakes, settlements and land use.

Locational Knowledge

Pupils will be able to identify similarities and differences between the UK and Scandinavia.

Art and Design and Design Technology

Art: Making my voice heard

Using the style of Picasso children are to create their own pieces of art linked to their interpretation of creation.

Computing

Computing systems & networks and Communication:

Learners then look at how the internet facilitates online communication and collaboration; they complete shared projects online and evaluate different methods of communication. Finally, they learn how to communicate responsibly by considering what should and should not be shared on the internet.

Music

Pupils will play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.

Physical Education

Netball:

- Hand-eye coordination and passing technique.
- Hand-eye coordination and throwing technique.

Gym:

Perform a variety of floor and vault movements. The children will learn stag leaps, dive forward rolls, hurdle steps into cartwheels and round-offs and the straddle over vault while developing their understanding of the necessary flexibility, strength and control needed to perform the movements successfully.

PHSE

Pupils will continue to follow the Ten:Ten objectives for PSHE including exploring; personal health and hygiene, relationships including friendships and the needs of ourselves, others and the environment.