



Impact

By the end of this unit children will...

Children will have opportunity to build on their prior science learning of Year One as we explore the seasons in depth and continue to look at weather patterns of the UK and build on their geographical knowledge of hot and cold places.

They will deepen their understanding of the four seasons as they explore how the seasons impact on the growth of plants and to think more deeply about the harvest time and why this is important. They will explore the weather patterns of the UK and how these patterns are changing due to Global Warming. Children will develop an understanding of how actions and the way we live out our lives in modern society has a greater impact on the whole of creation. As we become more able to identify when and where we can see this impact, we will begin to address what we can do to bring the world back to the glorious creation of God. The relationship between human activity and global warming must be constantly monitored for "the climate is a good that must be protected".

(Vatican's Compendium of the Social Doctrine of the Church, para 470)

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 the delivery of this unit of work, children will understand the impact that the seasons and weather patterns have on our environment and the importance of taking care of our environment which is gifted to us by God.

Building the Kingdom

BIG QUESTION: How are we called to be God's gardeners?

Further questions to explore:

How do our actions impact the weather?

Does the weather affect the harvest?

Catholic Social Teaching

Care for Creation: Creation is a gift from God, a gift which provides us with many blessings. It is a gift in which we witness the greatness of God. However, it is also a gift which has been taken for granted.

"The resources of creation [are] an immense gift of God to humanity. Humanity is duty bound to protect this treasure and to counter the indiscriminate use of the earth's goods." (Pope Benedict XVI, 27th September 2008)

How are we called to be God's gardeners? Year 2: Knowledge and Skills

Core Subjects

English

Fantasy story

Cloudy with a chance of meatballs by Judi Barrett.

Children will listen to the story and develop an understanding of how the author has developed description and detail. We will then use this to help plan our own fantasy story about the weather in the UK.

- Word class including adjectives and verbs
- Noun phrase
- Conjunctions for co-ordination
- Commas in a list

Instructions

After making weather stations to help monitor the local weather, children will create their own set of instructions to follow.

- Command sentence types.
- Present tense
- Imperative verbs

Science

Plants

Children will:

- observe and describe how seeds and bulbs grow into mature plants.
- find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

We will be planting seeds and bulbs ready to be harvested in the Summer term. This will allow the children to observe changes in the plants and understand what these seeds and bulbs need in order to grow.

Foundation Subjects

History and Geography

Geography

Weather in the UK

- Identify weather patterns and seasons of the United Kingdom.
- Start to look at why patterns are starting to become less common due to global warming.
- Compare and contrast two British localities

Art and Design and Design Technology

Design Technology

Children will design and create a purposeful and functional weather station.

- Use simple design criteria to develop ideas
- Select from a range of materials
- Measure, mark out, cut and shape materials and components
- Explore what products are for, audience, purpose and how they are used
- Know about the simple working characteristics of materials and components

Music

West African call and response song. Children will:

Use tempo, dynamics and timbre in their piece. Play in time with their group. Use instruments appropriately. Successfully sing back the melody line in time and at the correct pitch. Play either a call and/or response role in time with another pupil. Perform their composition.

Computing

How are we called to be God's gardeners? Year 2: Knowledge and Skills

Core Subjects

Maths

Geometry: Shape

- To identify and describe the properties of 2D and 3D shapes.
- To identify 2D shapes on the surface of 3D shapes.
- To compare and sort common 2D and 3D shapes and everyday objects.

Number: Multiplication

- To recall and use multiplication facts for the 2,5 and 10 times tables.
- To calculate mathematical statements for multiplication and write them using the multiplication (x) and equals (=) sign.
- To solve problems involving multiplication.
- To show that multiplication of two numbers is commutative.

RE

Sharing in the life of Christ

This unit is designed to develop the children's understanding of Mary, the disciples and Saints

- example of saints and important events in their lives.
- understand and take part in a moment of stillness and prayer.

Advent

This unit is designed to develop children's knowledge of the liturgical Season of Advent. Children will:

- Know that Advent is a season of preparation for Christmas.
- Describe the Advent Wreath and explain why it's a symbol of preparation.
- Know the story of John the Baptist about preparing the way for Jesus.
- Describe some ways the parish prepares for Christmas.

Christmas

This unit is designed to help the children reflect upon the journeys associated with the Christmas story. Children will:

- Know and be able to sequence the story of Christmas from the Annunciation to the flight into Egypt.
- Be able to trace the journey of Mary and Joseph on a map.
- Understand some of the difficulties faced by Mary and Joseph and why their journeys to Bethlehem and Egypt were necessary.

Foundation Subjects

P.E.

Dance

- Describe and explain how performers can transition and link shapes and balances.
- Perform basic actions with control and consistency at different speeds and on different levels.
- Challenge themselves to move imaginatively responding to music.
- Work as part of a group to create and perform short movement sequences to music.

Send and Return

- Track the path of a ball over a net and move towards it.
- Begin to hit and return a ball using a variety of hand and racquet with some consistency.
- Play modified net/wall games throwing, catching and sending over a net.

Peacemakers

Peaceful Relationships

During our Peacemakers sessions, children will be discussing:

- our similarities and differences.
- Remembrance Day.
- Anti-Bullying Week.
- how we can co-operate with each other.
- National Persons with Disability Day.
- collaborating verbally and non-verbally.