Y5 – Aut 2 – Can a small change make a big difference?



Impact

By the end of this unit children will...

Rooted in Catholic Social Teaching and the "Building the Kingdom" initiative, the curriculum emphasises human dignity, uniqueness, and global citizenship by comparing life in the UK to South America. Core subjects cover "Prophecy and Promise" in Religious Education, multiplication, division, and fractions in Maths, story and instructional writing in English, and animal and plant life cycles in Science. Additionally, foundation subjects enrich the term through physical geography studies on mountain formations, botanical-inspired art projects, video production in Computing, historical and practical exploration of Blues music, indoor athletics and tennis in PE, and personal worth modules in Relationship and Sex Education (RSE).

Intent

"So God created man in his own image, in the image of God created he him; male and female created he them." Genesis 1: 27

It is a simple fact that we are all individual and unique, and that we are made in the image and likeness of God. Through the study of this unit, children will be able to explain the differences and similarities between life in other countries, and will help them to learn that they can help change the future for themselves and for the wellbeing of others around the world.

Building the Kingdom

Big Question:

Can a small change make a big difference?

Further questions to explore:
Are people presented with the same opportunities?
Are we responsible for the actions of others?
Is ignorance bliss?

Catholic Social Teaching

Dignity of the Human person- 'We are beautifully made in the image and likeness of God'.

Migrants and Refugees
We are all equal in God's eyes and loved equally.

I have been given a special gift for the world.

Each person is unique and irreplaceable- everyone matters.

People matter more than possessions.

Can a small change make a big difference?

Core Subjects

Religious Education

This half-term, our Year 5 children are embarking on their second Religious Education unit under our Discerning Disciples curriculum, titled "Prophecy and Promise"**.** This unit beautifully bridges the gap between Old Testament history and the true meaning of Christmas, helping children understand how God prepares His people for the coming of a Saviour.

Maths

Multiplication and division:

- identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
- know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers
- establish whether a number up to 100 is prime and recall prime numbers up to 19
- multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers
- multiply and divide numbers mentally drawing upon known facts
- divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
- multiply and divide whole numbers and those involving decimals by 10, 100 and 100

Fractions:

Find fractions equivalent to a unit fraction & Find fractions equivalent to a non-unit fraction
Recognise equivalent fractions
Convert improper fractions to mixed numbers &convert mixed numbers to improper fractions
Compare and Order fractions less than 1
Compare and order fractions greater than 1

English

This half-term, our Year 5 children are diving into an exciting, creative English unit titled **"Home Sweet Home"**. This topic blends beautiful storytelling with practical writing skills, allowing the children to explore the concept of "home" through multiple lenses.

Here is a summary of what your child will be focusing on over the coming weeks:

What Your Child Will Learn:

Visual Literacy: The children will kick off the unit by exploring stunning, high-quality illustrations and short animations. Using visual literacy techniques, they will learn to decode hidden details in pictures, read between the lines of a visual narrative, and infer character emotions without relying purely on text.

Story Writing: Building upon their visual inspiration, pupils will draft, edit, and polish their own narrative stories. They will focus on creating vivid settings, developing compelling characters, and exploring themes of comfort, shelter, and belonging.

Instructional Writing (How to Build a House): Transitioning from creative fiction to non-fiction, the children will learn the art of technical, precise writing. They will design their own unique structures and write a clear, step-by-step set of instructions explaining exactly how to build their house, focusing on imperative (bossy) verbs, technical vocabulary, and logical sequencing.

Science

The children are stepping into the role of biologists as we begin our new Science unit, **"Living Things and Their Habitats"**. This fascinating topic focuses heavily on how life is passed on across the animal and plant kingdoms, exploring the wonderful variety of life cycles in the natural world.

What Your Child Will Learn:

Rather than just looking at where animals live, Year 5 will dive deeper into the biological processes that allow different species to survive and continue. Our lessons will cover:

The Variety of Life Cycles: Children will compare the life cycles of different animal groups, finding out exactly how **mammals, birds, reptiles, amphibians, and insects** grow from birth to adulthood.

The Magic of Metamorphosis: We will explore how some creatures undergo incredible physical transformations during their life cycles, such as a caterpillar turning into a butterfly or a tadpole developing into a frog.

Plant Reproduction: Pupils will learn how new plants are created. They will study the structure of a flower and learn the difference between **sexual reproduction** (pollination and seed dispersal) and **asexual reproduction** (such as plants growing from runners or bulbs).

Can a small change make a big difference?

Foundation Subjects

History and Geography

The children will be exploring physical geography through our unit of work entitled- **"Magnificent Mountains"**.
They will be looking at:
Global & UK Peaks: Mapping the world's major mountain ranges (like the Rockies and Himalayas) alongside high ground in the UK (including Ben Nevis and Eryri/Snowdonia).
Mountain Formation: Investigating the science of plate tectonics to discover how different mountains are formed and shaped over time.
Climates & Features: Exploring unique mountainous environments, labelling key features (like summits and ridges), and learning how to read map contour lines.

Art and Design and Design Technology

The children will be exploring the natural world through a creative Art unit focused on **"Flowers and Plants"**, drawing inspiration from botanical illustration and famous floral artists.
Botanical Studies: Observing real plants and flowers closely to sketch intricate details, focusing on accurate shapes, veins, and textures.
Artist Inspiration: Studying iconic artists like Georgia O'Keeffe or Yayoi Kusama to discover how they use scale, bold patterns, and dramatic colours to transform simple flora into stunning art.
Colour Mixing & Tone: Experimenting with watercolours, pastels, or acrylics to master blending, shading, and capturing how light moves across a petal or leaf.

Computing

Video Production
Children will learn how to create short videos by working in pairs or groups. As they progress through this unit, they will be exposed to topic-based language and develop the skills of capturing, editing, and manipulating video. Children are guided with step-by-step support to take their idea from conception to completion. At the conclusion of the unit, children have the opportunity to reflect on and assess their progress in creating a video.

Music

Blues
Children are introduced to this famous genre of music and its history, and learn to identify the key features and mood of Blues music and its importance and purpose. They also get to grips with the 12-bar Blues and the Blues scale, and combine these to create an improvised piece with a familiar, repetitive backing.

Physical Education

Indoor Athletics: In this athletics unit, children will have the opportunity to develop their existing running, jumping and throwing skills. They will be running for speed and endurance as well as learning the technique for the standing vertical jump. They will also learn the technique for throwing the discus (the fling throw) and practice other types of throwing techniques, including the one-handed pull throw (javelin) and the one-handed push throw (shot-put). The children will have the opportunity to take part in individual, paired and group activities and games.
Net and Wall games: children will develop their understanding of the game of tennis. Children will be introduced to skills and techniques crucial to the game of tennis, such as forehand, backhand, serve and volley. They will also learn about body positioning and footwork. Children will have the opportunity to learn all these skills through fun activities.

RSE

Ten:Ten Module Two: Created and Loved by God

Created and loved by God explores the individual. Rooted in the teaching that we are made in the image and likeness of God, it helps children to develop an understanding of the importance of valuing themselves as the basis for personal relationships.