



Impact

By the end of this unit children will...

As global citizens, the children are taught to recognise the importance of sustainable development and understand the impact human activity can have on the environment. They will spend time researching and understanding the Amazon rainforests and the importance their function has for the rest of the world. They will discuss and pose inquisitive questions about how the way we live our lives today has an impact on God's creations. Children will investigate and discuss how the most recent global pandemic had an impact on the environment and what we can take from this moving forward. They will gain a curiosity and fascination about the wider world and its people that will remain with them for the rest of their lives. Children will begin to explore some of the conservation issues surrounding the destruction of rainforest habitats and how our local community can assist in this.

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 develop an understanding for God's creation. They will investigate what we as humans need to do in order to be responsible global citizens and what choices we make may have lasting impacts for future generations.

Building the Kingdom

Big Question: Does Modern Life affect creation?

Further questions to explore:

Are we looking after God's creation?

How does creation support life today?

Whose responsibility is it to care for God's creation?

How has the most recent global pandemic affected the environment?

Catholic Social Teaching

Care for creation

How are we called to live out faith in relationship with all of God's creation?

As children of God we are called to care for and live alongside all of creation, to engage in a relationship with God's creation is to live faithfully in relationship with God the Creator.

Does Modern Life Affect Creation? Y 4: Knowledge and Skills

Core Subjects

English

An environmental story- The Great Kapok Tree

This unit explores a story that highlights an environmental issue. Children will look closely at the vivid descriptions and action. They will be writing a story that outlines the dilemma and solution discussed in the text.

Children will be able to:

- Use senses to create vivid descriptions.
- Use similes and metaphors to describe.
- Use powerful verbs to describe action
- Use correct use of pronouns to avoid repetition.

Instructions – Chocolate Strawberries

This unit links in with our Science unit of States of Matter. Children will demonstrate the Literacy and Scientific knowledge to write instructions how to make chocolate strawberries.

Children will be able to:

- Write clear, logical instructions in a chronological order that have simple steps and imperative verbs.
- Include sub-headings to break the text into clear sections.
- Use adverbs to show how actions should be done.
- Include opening and closing statements and technical vocabulary.

Science

States of Matter

- Compare and group materials together, according to whether they are solids, liquids or gases.
- Observe that some materials change state when they are heated or cooled.
- Measure and research the temperature at which this happens in degrees Celsius.
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Foundation Subjects

History and Geography

- Locate countries where rainforests are found – use an atlas and digital maps to find these.
- Investigate the location of the rainforests in relation to the Equator and the Tropics. Discuss the physical aspects of the areas around the equator and what benefits this could have to local communities.
- Discuss the differences between climate and weather and describe the weather in a tropical environment.
- Understand the different layers of a rainforest and how the climate varies in each.
- Identify the animals and plants that live in each layer and discuss their habitats
- Investigate the impact of deforestation and the production of palm oil

Art and Design and Design Technology

- To know about Henri Rousseau and evaluate and discuss his work surrounding the rainforests.
- To improve their mastery of art and design techniques in the style of Henri Rousseau.
- To mix and use paints to create different colours tints and shades to create a rainforest piece of art.
- To select appropriate materials to add texture to their design.

Music

Children in Year 4 will embark on their musical journey through school by having the wonderful opportunity to learn a brass instrument. In this first half term, children will be taught how to care for their instrument and to maintain perfect posture. They will listen to basic tunes and rhythms of music and be introduced to playing and understanding simple musical notations. They will begin to listen to music with an appreciation of attention to detail and recall sounds with increasing aural memory.

Computing

Plan a storyboard, including algorithms, to design an animation to explain a concept. Encode algorithms into Scratch to create scripts for sprites. Debug scripts where required. Evaluate own and others work.

Does Modern Life Affect Creation? Y 4: Knowledge and Skills

Core Subjects

Maths

- Count in multiples of 6, 7, 9, 25 and 1000.
- Find 1000 more/less than a given number.
- Recognise the place value of each digit in a four-digit number.
- Order and compare numbers beyond 1000.
- Identify, represent and estimate numbers using different representations.
- Round any number to the nearest 10, 100 and 1000.
- Solve number and practical problems that involve all of the above and with increasingly large positive numbers.
- Count backwards through zero to include negative numbers.
- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.
- Estimate and use inverse operations to check answers to a calculation.
- Solve addition and subtraction two step problems in context, deciding which operations and methods to use and why.

RE

Creation and the Story of Abraham to Joseph

- Know the stories of creation, Abraham and Isaac, Jacob and Joseph from the Old Testament.
- Understand that from the story of creation, human beings are made in God's image and likeness and that this needs to be valued and respected in other people.
- Be able to identify how God called and protected both Abraham and Isaac.

Jesus teaches us How to Pray

- Know that Jesus prayed to the Father.
- Identify some of the prayers that Jesus learnt growing up in the Jewish faith.
- Explain why it is important to call and pray to God the Father.
- Know some of the traditional prayers of the Church including the prayer of the Rosary.

Foundation Subjects

P.E.

Outdoor - Invasion games skills

- Children will play a variety of invasion games.
- They will apply the basic principles suitable for attacking and defending.

Indoor - Gymnastics

- Describe the new movements learnt in the unit;
- Perform recognisable movements, e.g. a forward roll that looks like a forward roll;
- Describe how their performance has improved over the lesson;
- Link a series of different movements together to form a short routine;
- Practise and refine their own movements independently showing awareness of others around them.

Peacemakers

Peaceful Relationships

During Peacemakers children will be discussing:

- What does friendship/relationship mean?
- What is the value of these in our lives?
- What happens to a friendship when an ingredient is missing?
- What have you learnt about diversity?
- How did it feel finding our new information about somebody new?
- How will you act differently towards people in the future?
- How can you use what you have learnt to help with your relationships at school/at home?