

Our Curriculum Intent:

Our curriculum is intended to equip our learners for the challenges which lie ahead of them in the next stages of their education and in the world beyond. We want to ensure that every child leaves our school with the academic skills needed to succeed and that they demonstrate high quality learning behaviours which will sustain them in their future lives. The curriculum is rooted in our core Christian values and is designed to support children in becoming individuals who are compassionate and able to communicate and collaborate effectively in the community that surrounds them. The moral basis of our curriculum, which challenges our learners with big questions, prepares them to become positive role models and open-minded global citizens who are able to take their place in modern society.

Our Sunshine Six Values



Oh God, bless our school...

Year 4 Spring Term Curriculum Newsletter

Project Focus: **Geography** Context: Renewable energy

Design Technology Context: Building a prototype wind turbine

Big Question: How can our choices improve the planet?



Project Values:

Sustainability
Value
Reform
Pride
Choice

Sunshine 6 Value:

Perseverance

We will learn about these values in all of our subjects and will try to answer our 'Big Question' at the end of our project.

This term, our learning is focused on developing our core skills in Religious Education, English, Maths, Science and PE. Our wider curriculum focus is on Geography and Design Technology. Inside you will find details of the areas of study we will carry out, as well as the vocabulary that we will be learning.

Bringing out the best in each other.

English Writing Purposes and Outcomes:

- Conjunctions (subordinating and coordinating)
 - Descriptive language and noun phrases used for our setting description.
 - Writing a diary entry to express characters emotions and feelings.
 - Composing sentences orally, progressively building a varied and rich vocabulary.
 - Propose changes to grammar and vocabulary to improve consistency.
 - Literacy discussion based on the story : The Tower to the Sun– exploring the key themes and discussing words and phrases used to capture the readers interest and imagination .
- Exploring the key features of diaries, setting descriptions, non chronological reports and poetry.

Maths areas of Study:

- Multiplying and Dividing 2 and 3 digit numbers by 1-digit numbers
- Factor Pairs
- Efficient Multiplication
- Correspondence Problems
- Equivalent fractions
- Counting in fractions
- Fractions greater than 1
- Adding and subtracting fractions
- Problem solving

Reading Skills Focus: We learn the skills for reading using VIPERS.



Project beginning (learning the project values through RE): We explored the key beliefs of Judaism and learnt about the Jewish Festival Rosh Hashanah, which is all about reflecting and making the right choices for the coming year. We have learnt about The Passover also known as the festival of freedom and we have explored the symbolism of the food at the Passover meal.

Project Vocabulary:

Renewable energy
Fossil fuels
Pollution
Climate
Deforestation
Biodegradable
Drought
Disposable
Conservation
Ozone Layer

Project conclusion (answering our project question):

We will explore and evaluate the various types of renewable and non renewable energy sources, our carbon foot prints and our ability to recycle, reduce and reuse during this topic. We will then reflect on how significant our choices are as individuals and how we can improve the planet.

How can our choices improve the planet?

Project development (moving the learning into Geography): We are developing our Geography skills through our exploration of the world beyond the UK. We will be exploring renewable energy in different parts of the UK as well as globally e.g. Costa Rica. We are also going to explore the position and significance of the equator, northern and southern hemispheres, tropics of Cancer and Capricorn and the Arctic and Antarctic circles.

No outsiders Texts:

Dogs Don't Do Ballet by Anna Kemp

Project development (Design Technology):

During our DT work, we will be exploring the question: Where in our school would be the best place to build a wind turbine? We will be using a renewable energy kit to carry out our investigation. We will be following the process of design making such as : planning, analysing and recording data, designing , creating and then evaluating our ideas.

Science Topics:

Some of the main outcomes of our Science topic of Electricity will be: To be able to explain how circuits work .We will be exploring circuits and be able to use scientific symbols to show different parts of their circuits. We will discover and investigate which materials are electrical conductors and to be able to explain how a switch works.

