

Energy

Where would we be without energy?

If fossil fuels are bad, why are they used?

The children will begin looking at what fossil fuels are and how they have been and are still used as an energy source in both the UK and across the world. They will then look at the impact fossil fuels have on the environment before deciding whether we need to begin using more alternative forms of energy.



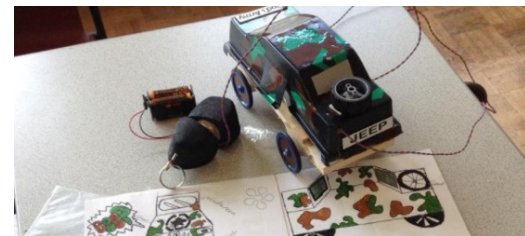
Renewable vs Non renewable energy

Now the children have a good understanding of fossil fuels, they will begin exploring renewable sources of energy. They will then debate the positive and negative impacts of renewable energy.



Only mechanics can make a car move

As part of our D.T the children are going to build a battery powered go-kart out of wood from scratch. They will be using a range of skills from measuring and sawing to wiring a circuit.



I can't drive! I'm only in Year 5!

This year will see the return of the school go-kart. The children will begin looking at how it is put together and how it runs before taking it for a test drive.



Literacy

Class story: Song of the Dolphin Boy

Our writing units will include: a balanced argument on the use of renewable energy; a persuasive letter linked to the go-kart; instructions and a narrative using the class story.

Maths

Our White Rose units for this term include:

- Decimals
- Properties of shape
- Position and direction
- Converting units
- Volume

Science

Living things and their habitats -

We will study the differences in the life cycles of a mammal, an amphibian, an insect and a bird. We will then explore the reproduction of different plants and animals.

PSHE

This term we are going to learn about how the body changes both physically and mentally as we get older.

We will also explore managing challenge and change along with how to manage risk.

P.E

As part of P.E this term, the children will focus on cricket and athletics.

R.E

Christians and how to live: 'What would Jesus do?'

What matters most to Humanists and Christians?

Computing

Programming - Micro Bit

Programming - Selection in Quizzes

French

School Life

Time Travelling