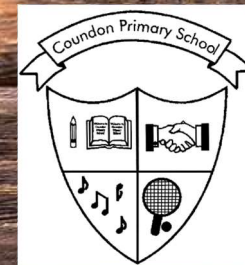


Spring Term in Year 5



English

Mars Transmission Diary -

Pupils write a transmission home as if they were Mark Watney stranded on Mars. Linked to our space topic covered already in the Autumn Term.

The Malffeasance Poetry -

Pupils write a poem about a Creature like the Malffeasance as a metaphor for plastic pollution and the damage it is causing.

Plastic Pollution Persuasive formal letter -

Pupils write a persuasive text to encourage others to use less plastic in the environment. They will use hard hitting facts and persuasive language.

We are reading...



Maths

Multiplication and Division - Using formal methods for multiplication of numbers by 2 digit. Using estimation and inverse to check in application of reasoning tasks. Division by 1 digit.

Fractions - multiplying fractions by integers and finding fractions of amounts.

Decimals and Percentages - decimal places and ordering.

Perimeter and Area - of rectilinear shapes and compound shapes.

Statistics - drawing line graphs and interpreting tables including timetables.

Science

Circle of Life -

- Describing the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- Describing the life process of reproduction in some plants and animals.

Let's Get Moving -

- Forces including friction and resistance in water and air through a range of experiments.
- Exploring gears, cogs and pulleys - look out for our 'Bring your bike to school day' to label the parts and describe each function.

Other subjects

Art - Take one picture: studying the work of Claude Monet; re-creating The Water Lilies.

Photography - editing photographs of parts of a river to create a finished montage

RE - Why do some people think God exists?

If God is everywhere, why go to a place of worship?

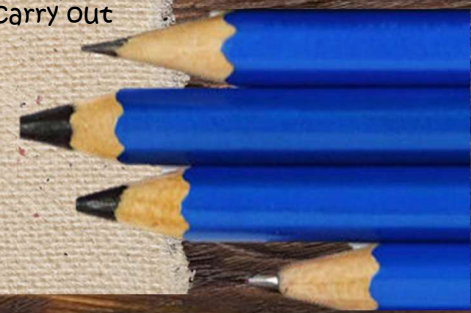
Kapow Spanish -

Portraits and descriptions of people Spanish Food and Drink

Discovery

Wild Waters - Rivers

- Use a range of geographical resources to be able to locate and identify key rivers in the local area, the UK and the world.
- Field trip to Riverside and the Coundon Wedge to carry out fieldwork investigations.
- Explain the three courses of a river.
- Identify the features of a river.
- Flooding and the impact of plastic pollution.



Geography

Wild Waters

- Use atlases and maps to identify rivers in the UK and the World.
- Using co-ordinates on maps to locate different rivers.
- Carry out local fieldwork investigations collecting samples from Coundon Wedge.
- Impact of weather such as flooding.
- Exploring maps from different views.
- Explaining the impact of plastic pollution.

DT

Wild Waters – Bridges

- Explore different types of bridges and their mechanisms and structures.
- Design and make a prototype based on investigation of bridges.
- Design and make a bridge which will carry a weight without collapsing.
- Evaluate their design and reflect on the effectiveness of their bridge once put to the test.

Music

Charanga Music – learning how to play the Ukulele

- How to play the ukulele
- Strumming, plucking and picking techniques
- Playing notes and strumming
- Chords

PSHE

Jigsaw:

Dreams and Goals:

- Know about a range of jobs that are carried out by people pupils know and what they might like to do when they are older.
- Know that people from different cultures may have different dreams and goals

Healthy Me:

- How to keep healthy physically and mentally
- How to create healthy friendships.
- How to stay calm

Computing

Programming

- Programming and coding skills
- Programming a sound track
- Planning and tinkering with Scratch music

Skills Showcase Mars Rover 2

- Pixels and binary
- 'Fetch, decode, execute' cycle and its real-world applications
- Using 3D design skills

PE

Real PE – Dynamic Balance

- move fluidly with minimal wobble.
- stay balanced on a line with my head up.
- move my opposite arm and leg moving forwards.

Orienteering

- use a map of the school to find clues to solve problems
- adapting position to match the appropriate direction of the map finding locations

Net/Wall Games – Tennis

- hit a ball with control when moving
- forehand and backhand
- begin to learn how to serve