

Computing- Data, Information and spreadsheets:

- What is a spreadsheet?
- Modifying spreadsheets
- Formulaic exploration of spreadsheets
- Calculating and duplicating
- Event planning
- Presenting data

English:

This half-term we will publish our non-chronological reports.

We will then draft, publish and edit our own balanced arguments. Our works are aiming to express opinions and raise social awareness on topical issues.

Our final write of this half-term will be a narrative, aiming to build suspense and create mystery. These narratives will be published as short stories as mirrored through our key text 'The Boy in the Tower.'

Geography- Rivers:

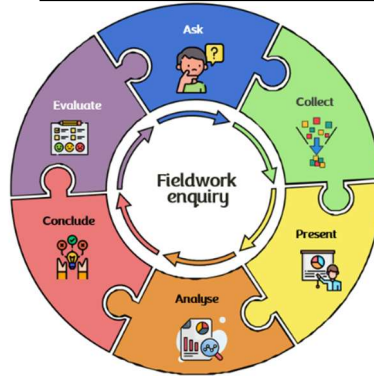
- How the water cycle keeps rivers flowing
- River formation
- Planning field work for our local river. We will be investigating and measuring the depth, speed and width.
- Data collection from our local river
- Presenting and analysing data

Guided reading- Furthermoor:

This half-term we will continue reading Furthermoor. Within our guided reading lessons, we will be working on our:

- Spelling, punctuation and grammar
- Comprehension skills
- Oracy and fluency

Oak Class Spring 2 Topic map: Rivers



DT- Fairytale engineering:

In our DT lessons this half-term we will be creating our own Maquettes.

- Exploring how mechanisms solve problems within fairytales
- Researching and replicating how pulleys, levers and leverages work
- Designing and building a model of a fairy-tale theatre set with moving parts

Science- Living things and their habitats:

- Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences including micro-organisms, plants and animals
- Give reasons for classifying plants and animals based on specific characteristics.

Maths:

-Area, perimeter and volume:

- Area of rectangles, compound shapes, parallelograms
- Volume of cuboid, estimation, comparing volumes

Decimals:

- Adding and subtracting decimals within one, complements to one
- Subtracting numbers with differ amounts of decimal places, efficient strategies, decimal sequences,
- Multiply and dividing by integers

Fractions, decimals and percentages:

- Equivalent fractions and decimals, fractions as division
- -Understanding percentages: Percentages as fractions and decimals, percentages as an amount
- Equivalent fractions, decimals and percentages and ordering

Spanish- Me in the world:

- Understanding connections between language, culture and identity
- Constructing sentences using the new vocabulary
- To read, listen and explore commonalities and differences between languages

PSHE- Healthy Me:

- Taking responsibility for my health and well-being
- To explore different types of drugs, their uses and their effects on the body (heart and liver)
- Understand that some people can be exploited and made to do things that are against the law
- To know why some people join gangs and risks involved- strategies to avoid being pressurised
- To understand what it means to be emotionally well and can explore people's attitudes towards mental health/illness- explore strategies to manage stress and pressure