

English

This term in English, we will be learning how to write a text that contains both direct and indirect speech. There is a lot of punctuation involved in doing this correctly, so this will be our main focus. We will also be revising fronted adverbials, cohesion and the use of present perfect tense. Our model text is called 'The Vain Jackdaw.'

Guided Reading

In guided reading this term, we will be reading a biography of Alan Turing which will link with our science topic of Bright Ideas – learning about inventors and their inventions that changed the course of history!

Music

In music this half term, we will be learning to play the recorder!

RE and World Views

In RE and World Views, we will be looking at Humanism and asking, "How can you lead a happy and meaningful life?"

PSHE

As we always teach 2 units of PSHE in Term 1, We will not have PSHE this term.

MFL

The children will finish learning about 'My Town' in French this half term, before beginning a new topic called 'Describing People.'



Kingfisher Class Topic Map



Bright Ideas!



Science

We will complete learning about States of Matter, encompassing condensation and how evaporation and condensation are crucial parts of the water cycle. We will then learn about electricity, specifically thinking about which appliances use electricity, how a simple series circuit is created and the names of the components that are need, as well as conductors and insulators.



PE

Mr. Swift has joined the team and will be teaching the children Athletics on Wednesday afternoons, in readiness for Sports Day!



Maths

Year 4:

We will start our learning about decimals, recognising that dividing by 10 and 100 will result in a decimal number. We will also learn about tenths and hundredths. Following this, we will move onto Statistics, interpreting and creating line graphs before finishing with learning about angles. We will also be learning about Time.

Year 5

We will be learning about equivalent Fractions, Decimals and Percentages before moving on to some work on Statistics (graphs) and perimeter and area of rectilinear and compound shapes.

Computing

We will be completing our learning about Podcasts and attempting to create our own.



History

In this short sequence of lessons, children will learn about inventors whose inventions changed the world, including Tim Berners-Lee, Alan Turing and Alexander Graham Bell. They will even have a go at creating their own code-breaking machines!



DT

We will be making 3d battery operated light boxes in DT, firstly exploring different styles of box before experimenting with Nets and then designing our own. This is a great way to apply the knowledge of circuits we will be learning about in Science.

ART + DT



Our Essential Knowledge

How has communication changed and who were the important inventors who changed it?

By the end of the term, we will know:

History:

- Who Alexander Graham Bell, Tim Berners-Lee and Alan Turing were and when they lived.
- How their inventions changed the course of history and how we communicate the way we do today.
- How a simple code breaking machine works.

Science:

- How to identify that common appliances run on electricity.
- How to construct simple circuits using correct scientific vocabulary
- How to recognise some common conductors and insulators.



Kingfisher Class Knowledge Organiser



Bright Ideas



Our Big Questions

History:

- Who was Alexander Graham Bell?
- Who was Tim Berners-Lee?
- Who was Alan Turing?

Science:

- What is condensation?
- What part do evaporation and condensation play in the Water Cycle?
- Which appliances need electricity to work?
- How does a light bulb work?
- How can I make a simple circuit?



Our Key Vocabulary

Invention

Innovation

Circuit

Components

Conductors

Insulators

Wires

Battery

Buzzer

Bulb

VOCABULARY