



What is my child learning this half term?

Literacy

Our Literacy work this half term is linked with our D.T topic of Moving Monsters. We will be reading the abridged version of Frankenstein. This tale of a society's attitude to a person who is disfigured is extremely thought provoking. We are looking forward to the discussions we will have surrounding this book.



PAG objectives

We will be revising all of the PAG objectives from this year.

There will be elements of fronted adverbials, pronoun usage, commas for clauses, speech marks for direct speech and paragraph work.

Spelling Rules:

Adding '-ly' to create adverbs of manner. These adverbs describe HOW the verb is occurring:

e.g. **reluctantly, quickly**

Challenge words:

group, height, particular, potatoes, separate, surprise, through, various, though, woman

Homophones – words which have the same pronunciation but different meanings and/or spellings

e.g. **scene/seen, who's/whose**

The sound /s/ spelt 'c' before 'i' and 'e':

e.g. **circle, circus, princess**

The prefixes 'super-' 'anti-' and 'auto-':

e.g. **supermarket, antiseptic, automatic**

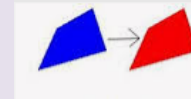
Maths

Miss Forth:

The group will be having a multi-skill focus throughout this half term. Topics which will be covered are; negative numbers where numbers fall below 0. We will have a fraction focus where we investigate fractions which are equivalent to each other. Within fractions we will also look at mixed numbers. We will investigate translations in shape – where a shape is moved from one position to another, and we will look at decimals with 2 decimal places, known as hundredths.



negative numbers



translations

$$4\frac{2}{3} = \frac{14}{3}$$

mixed numbers

Key Vocabulary

decimal hundredths – numbers which are wholes and have 2 digits after the decimal point.

negative numbers – number which are below zero

translations – where a shape remains the same size, but it moves to a different position on a grid.

mixed number – a whole number and a fraction which are seen together - $1\frac{2}{3}$

Mr Wood:

My class will be continuing with multiplication and division with the National Times Table assessment in the future, so consolidating the children's knowledge is essential both at home and in school. After this, much like Miss Forth, we will be covering fractions (mixed numbers) and decimals with 2 decimal places.

Key Vocabulary

decimal hundredths – numbers which are wholes and have 2 digits after the decimal point.

mixed number – a whole number and a fraction which are seen together - $1\frac{2}{3}$

Computing Year 4

We will compare Logo (the topic for last half term) with the programming language Scratch. Pupils will explore the concept of repetition and loops. Take a look at Scratch and see what you can create - <https://scratch.mit.edu/>



Design and Technology

During this half term we will be looking at pneumatic systems. Once we have understood what they are, we will progress into making a moving monster which uses a pneumatic system to operate a monster's mouth.

Fab 4 Facts:

- I know what a pneumatic system is.
- I can give examples of pneumatic systems.
- I can design and carry out a D.T project.
- I can evaluate the success of my monster.



Key Vocabulary: pneumatic – operated by air
technique – a way of carrying out a task

PE (Physical Education)



Year 4 has the topic of athletics for this half term. We will be outside as much as possible. **Please wear appropriate P.E kit – plain blue or black shorts/joggers/leggings, hoodies and white or blue t shirts – no wording or brands.**

This half term, we will be revisiting some of the science lessons which we have found tricky over the year.

1. Flowering plants and the different stages of their lives.
2. Fossilisation – whereby we will look again at how fossils are formed.
3. Different types of skeleton – hydrostatic (jellyfish), exoskeleton (crabs) and endoskeletons (humans).
4. Investigation into what materials are magnetic.
5. Changing shadows – what makes shadows change their position and size?

Key Vocabulary: pollination – a flowering plant is fertilized, reflective – where light bounces back from material – shiny objects .

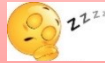
R.E.

In R.E. this half term, we will be exploring the deeper meaning of festivals. We will investigate why and how religious people celebrate festivals such as Eid al-Fitr, Vaisakhi and Easter.



PSHE

The topic this half term is looking at physical health and well-being. We will be looking at the choices surrounding food and why people chose not to eat certain items due to religious or ethical reasons. We will also be learning about the importance of sleep and how sleep deprivation can cause issues with mental well-being..



Spanish



This half term, year 4 will be learning the names of different hobbies in Spanish. They practise listening, reading, writing, and speaking by putting the vocabulary into short sentences. Finally, they will have an end of year revision of all the year's learning and the annual latin music dance lesson.

Key Vocabulary: Play with my friends – jugar con mis amigos, dancing and singing – cantar y bailar, reading -leer, art – hacer arte, play videogames – jugar con video juegos.

Music – Children in 4W and 3G will be working with Singing Sophie this half term. We will be working with a range of different instruments.

Science





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PAG objectives

Revising last half term's objective of headings and subheadings and we will revise the punctuation for direct speech.

"Not now Bernard!", said Mum.

Elephants! ← heading
Elephants are amazing animals. Read on to find out all about them

Fun Facts ← Sub-heading
* There are 2 different types of elephant - Asian and African.



Spelling Rules:

1. The suffix '-sion' e.g. television
2. Revise the 'l' sound spelled 'le' at the end of words e.g. possible
3. Revise adding the suffix 'ly' to an adjective turns it into an adverb. e.g. exact/exactly
4. Revise the i sound spelled with a 'y' e.g. gym, symbol

Maths


In maths we will continue to revise place value, multiplication and division facts, together with further practise of the column method of addition and subtraction.

	4	5	5
+	4	3	6

	5	6	9
-	3	1	5

New learning for this half-term:

1. Making connections between dividing whole amount into equal parts and expressing these as fractions.
2. Understanding that a whole number is an entire number without any 'extra bits', but fractions can show both whole numbers and 'the bits' of numbers.
3. Using fraction notation to describe parts of a set of objects or numbers.

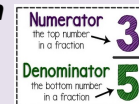
e.g.  = $\frac{1}{3}$

4. Add and subtract fractions with the same denominator within 1.

$$\frac{3}{5} - \frac{1}{5} = \frac{2}{5}$$

Key Vocabulary

- fraction** – an equal part of a whole
- sharing/division** – making a larger amount smaller
- subtraction/decrease** making a larger amount smaller
- addition/increase** – making an amount larger (in most cases)
- numerator** – the top number of a fraction



denominator – the bottom number of a fraction

Computing - Year 3

This half term we will continue using the programming language Scratch to consolidate prior learning relating to sequencing. Take a look at Scratch and see what you can create -

<https://scratch.mit.edu/>



R.E.

In R.E. this half term, we will be exploring how people from different religions express their beliefs and show their commitment to their faith. We will be looking at rites of passage such as Baptism within Christianity and taking Amrit within Sikhism.



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PSHE

The topic this half term is focusing on money. The children will be learning about the value of money and how they will not always be able to have all the things that they want. They will see how saving up for items can be very satisfying. They will also see where they could save their money. Finally, the children will see how having a job is a great way to earn money and that jobs can be carried out by both men and women.



Spanish

This half term, the children will be learning the words for different school supplies and key parts of their school life. They will then apply these words to other terminology learned this year. Finally, there will be an end of year revision and the annual Latin dance lesson.

Key Vocabulary- Pencil – El lápiz, Pen – El lapicero, Paper – El papel, Classroom – La clase, Teacher – El profesor / la profesora, Books – Los libros.



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