Maths

Fractions, decimals and percentages

We will be developing last term's work on fractions and work on understanding the relationship between fractions, decimals and percentages. We will look at how to round, order and compare decimals and will apply our growing knowledge of decimals to word problems.

Geometry- Properties of Shape & Position and direction

As part of our geometry unit, we will learn about using protractors to measure and draw angles accurately and to help us calculate missing angles. We will also be discussing the specific properties of regular and irregular polygons and we reflecting shapes in the first quadrant.

Measurement - Conversion

Towards the end of the term, we will shift our focus towards measurement. Will look at converting between units of time, reading timetables and converting between metric and imperial units of measure. We will also explore volume and capacity.

What you can do to help:

Practise times tables regularly, including multiplying whole numbers and decimals by 10, 100 and 1000. Practise answering calculations using formal written methods and ensure mental calculations of larger numbers can be done quickly and accurately.

Science

In science we will be exploring the natural world and learning about the life cycles of plants and animals. We will learn about the different changes that happen as humans and animals develop and mature. We will also be looking at habitats and the ways in which animals are supported by their habitats.

Computing

To start the term we will introduce to vector drawings and begin to understand that they are made up of simple shapes and lines. We will use the main drawing tools within the Google Drawings application to create vector drawings. In the second part of the term will be developing our understanding of Scratch. We will use knowledge of writing programs and using selection to control outcomes to design a quiz.

English

In English we will begin the term by looking at the book 'Our tower'. We will explore the vocab and structure of the story before writing our own version. We will also be writing non-chronological reports on the Vikings thinking carefully about the different features of the text type.

In the second half of the term, we will continue to develop our non-fiction writing. We will look at the book 'Zoo' thinking carefully about whether animals should be kept in Zoos. We will gather ideas for and against and use these ideas to write a detailed discussion text.

In reading, our class book will be 'The 1000 Year Old Boy' by Ross Welford. We will also develop our reading skills by studying extracts from a variety of different genres, including classic children's books, songs, historical and geographical reports, and biographies of notable people.

What you can do to help:

Practise memorising and using grammatical terms; read a variety of books and genres of texts regularly; discuss what your child is reading to ensure they have understood both the stated and implied information.

Sycamore Class - Year 5



Curriculum Overview Summer Term 2024

Music

This term we will be learning how to read music in order to support our playing of percussion instruments. We will also continue to develop our music appreciation, singing and performance skills by learning a variety of contemporary songs.

PE

In the first half of the Summer term we will be working on rounders and athletics.

In the second first half of the Summer term we will be developing our knowledge and skills in cricket and tennis.

<u>RE</u>	History and Geography
In the first half of the summer term we will be looking at the significance of the Torah for Jews. We will deepen our	In the first part of the term we will be exploring Viking
understanding of Judaism and reflect on the ways in which Jews find meaning in their faith.	life using different historical sources. We will develop our understanding of Viking culture and society as well as investigating their seafaring and navigation skills.
In the second half of the summer term we will look at what matters most to Humanists and Christians. We will look at similarities and differences between the two religions and explore concepts of spirituality, faith and how the religions have an impact on believers' daily lives.	In second half of the term we will be investigating the impact of plastic pollution on Marine Ecosystems. We will explore coral reefs and what can be done to reduce plastic pollution.
<u>PSHE</u>	<u>French</u>
In PSHE we will be looking at our understanding of how to manage risk and keep ourselves safe. We will explore physical safety, online safety and ways to manage mental	In the first half of the term, we will be exploring the planets and using adjectives to describe them.
health and wellbeing.	In the second part of the term, we will be exploring the seaside and different seaside activities.
In the second half of the summer term we will be looking	
at managing changes in our lives. We will also be looking at	
health and relationships, changes that may happen to	
bodies as they grow and the role of drugs and medicines in keeping us healthy.	
keeping us neutrity.	

ring Viking Il develop our s well as tills.	In art this term we will develop our drawing and painting skills by creating a mixed media portrait. We will be learning about the artist Frida Kahlo and taking inspiration from her portraits.	
ating the ms. We will educe plastic	In DT we will celebrate culture and seasonality in food. We will design, make and evaluate a food product.	
	Harful links	
	<u>Useful links</u>	
ring the	MyMaths <u>www.mymaths.co.uk</u>	
	Hit the Button: https://www.topmarks.co.uk/maths-	
	games/hit-the-button	
oloring the	Times Tables Rockstars: https://ttrockstars.com/	
_	Purple Mash: http://purplemash.com	
	Reading:	
	https://www.worldbookday.com/resources/primary/	
	Puffin Schools:	
	https://www.puffinschools.co.uk/resource-	
	<u>categories/ks2/</u>	

Art/DT

Day	Morning	Afternoon
Monday		
Tuesday		
Wednesday	Homework to be handed in	PE Session
Thursday		
Friday	Spelling test and new homework given out	PE Session