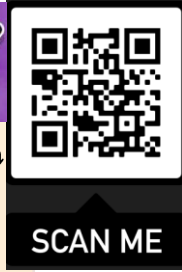


Year 6 Knowledge Map – Term 4

Maths



Log in to battle for your band! It is recommended that you should be using TTRS at least one hour per week!

We have an exciting term of maths ahead! We will begin with developing our understanding of ratio and proportion, learning to compare quantities and solve real-world problems like scaling recipes and grouping.

Then, we will dive into algebra and sequences, using symbols for unknown values and spotting patterns in number sequences to find missing values.



Term	Rule	Sequence
1st	$1 \times 4 + 2$	6
2nd	$2 \times 4 + 2$	10
3rd	$3 \times 4 + 2$	14
4th	$4 \times 4 + 2$	18
nth	$n \times 4 + 2$	$4n + 2$

The nth term rule means that once we have found the rule for the sequence, we can work out what any term's sequence number is.

For example, here we can say the 100th term would be $100 \times 4 + 2 = 402$.



Following this, we will experiment with reflection and translation, flipping and moving shapes on a coordinate grid with accuracy.

We will also keep focusing on our arithmetic skills, ensuring we are super confident with our operations and methods.

Don't forget to complete your weekly arithmetic homework!



SCAN ME

Scan here to revise your understanding of relative clauses!

Scan here to play a Maths game on BBC Bitesize!

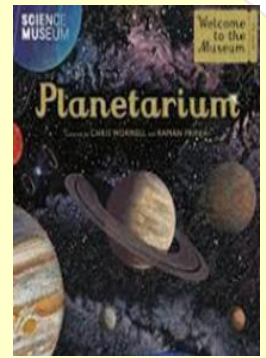


World Book Day

We will be celebrating World Book Day on Thursday 5th March. We will be completing some exciting activities on the day.



English

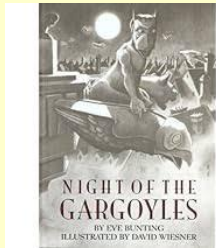


This term, we will be studying non-fiction using the 'Planetarium' by Raman Prinja. We will use this to develop our understanding of multi-clause sentences and to widen our subject-specific vocabulary. Click the QR code to revisit your understanding of non-chronological reports.

SCAN ME



Following this, we will be exploring the fiction text 'The Night of the Gargoyles' and creating an extensive piece of writing, where we will apply a range of Year 6 skills and punctuation.



Spelling – Learn these statutory spellings and try to use them in your writing.

necessary	occur	prejudice	programme
neighbour	opportunity	privilege	pronunciation
nuisance	parliament	profession	
occupy	persuade		
	physical		

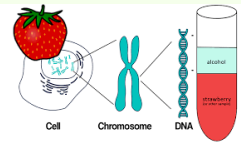
Scan for access to Spelling Shed games!



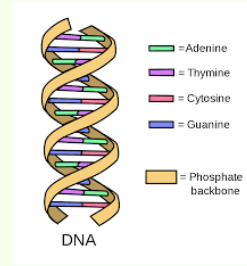
SCAN ME

Science

Use this link to find out more about the DNA extraction experiment using



In Science, we will be focusing on biology and looking at the topic of Evolution and Inheritance. We will be exploring fossils and what information we can deduce from them. Furthermore, pupils will explore what DNA is, where it can be found within living things and conduct a DNA extraction experiment using strawberries. Finally, we will take a look at Darwin's theory and what we inherit.



PSHE



In PSHE, we will be focusing on the topic of 'Healthy Me'. Within our lessons, we will explore how choices we make affect our health and wellbeing, finding ways to manage stress and pressures of our daily lives and explore strategies to maintain good mental health.

Art

Scan this QR code to learn more about Dale Chihuly.



Cattails and Copper Birch Reeds (2015) and Maccia at Kew Gardens (2019) by Dale Chihuly

In Art this term, we will be exploring and creating 3D structures. Inspired by the works of Dale Chihuly, the children will create 3D forms using a variety of techniques. They will need to consider use of colour, pattern and texture as they combine their pieces made throughout.

Computing

In computing, we will be exploring how data is transferred over the internet. From this, we will focus on the importance of internet addresses and explore what is necessary for effective communication.



SATs Help

Scan this QR code to use the BBC Bitesize website to support your child's learning of key concepts for Maths and SPAG in preparation for SATs.



Key dates

Weds 11th and 18th March – Parents Evening
Thu 5th Mar – World Book Day
6th- 15th Mar – Science Week
11th May - 14th May – SATs week