

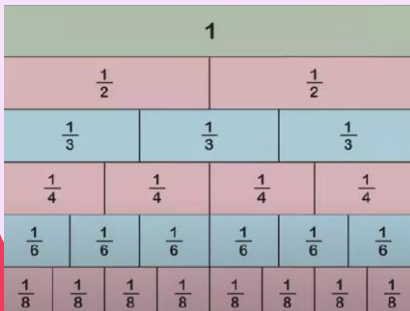
Year 6 Knowledge Map – Term 2

Maths



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

This term, we will be building on our knowledge of fractions, decimals and percentages. We will simplify and compare fractions, add and subtract fractions, understand fraction and decimal equivalents and begin to calculate percentages.



Can you make your own fractions wall?

Which fraction would make this correct?

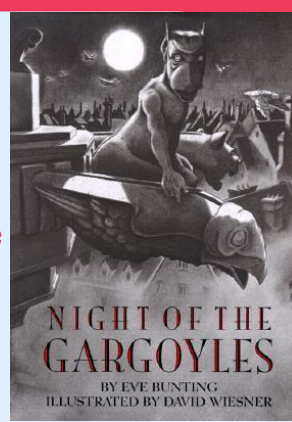
$$\frac{\square}{\square} - \frac{2}{5} = \frac{7}{30}$$

Scan for online resources to help revise fractions learning!



English

By exploring Eve Bunting's 'Night of the Gargoyles', we are going to learn to write dialogue to represent character and to generate atmosphere through clever use of descriptive language. Could you have a go at writing a story about a gargoyle that comes to life?



Learn about the history of gargoyles!



Watch a reading of the book!



Scan for access to the maths games that we play in lessons!

This term we are going to work on our jumping and landing skills, challenging ourselves to progress from both legs to one leg.

Physical Education



Scan for Brentford FC's coaching about jumping!

Key Dates

- 6th December – Christmas Film Night
- 7th December – KS2 Christmas Crafternoon
- 11th/12th December – Tasty Treats
- 14th December – Panto @ Derngate
- 18th December – Year 6 Christmas Assembly
- 19th December – Christmas Dinner/Jumper Day
- 20th December – Mufti Day

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

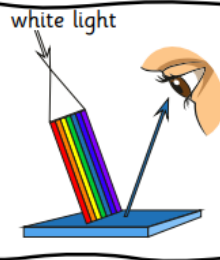
- | | | | |
|------------|-------------|------------|------------|
| definite | environment | familiar | guarantee |
| desperate | equipment | foreign | government |
| determined | exaggerate | frequently | |
| develop | especially | | |
| | excellent | | |

Scan for access to Spelling Shed games!



SCAN ME

How we see colour
 objects that have colour pigments **absorb** light
 a blue object absorbs all other light colours
 blue is the only colour reflected and seen





Science

This term, we will be exploring light, how it reflects off of surfaces to create colour and how shadows are created.

Try making a Newton colour wheel and take it for a spin!



only travels in **straight lines**
 300,000,000 metres each second
 circumnavigates the Earth **7.5 times** in just **one** second


Try making a collage using materials you can find at home!



Art

Our outcome in this unit will be a series of still life paintings, combined with collage. We will look at the still life work of Patrick Caulfield and compare it to the cubism work of Pablo Picasso.

Technical vocabulary:

Balance – to achieve a balanced composition, shapes, colours and textures can be arranged evenly.



Observational – drawings, paintings or sketches that are made of observed objects, people or places.



Angles – the spaces between two lines or surfaces that join.



Cubism – a style and movement in early 20th century art in which objects and people are represented as geometric shapes, often shown from many different angles at the same time.



Superimpose – to put one image on top of another so that the two can be seen simultaneously and the images combine.



Still life – the art of painting or drawing arrangements of objects.



Computing

We will learn all about internet communication this term. We will explore and understand websites, domain names, IP addresses and data packets. We are going to demonstrate how to communicate and work with each other using internet tools, ensuring we use these tools responsibly.

What did the spider do on the computer?
 Make a website!



Explore how the internet works!



Religious Education

We are going to think about Christmas and its meaning to the Christian faith. We will explore how it is celebrated in our country and its message in the bible.

SCAN ME
 Scan to see the bible story of Christmas!



Design Technology

We are going to explore and experiment testing different types of pulleys. We will then use that information to design a water well.

Pulley – a wheel with a grooved rim around it which holds a cord, belt or rope.



Movable pulley – a simple pulley where the wheel can both move and rotate.



Fixed pulley – a fixed pulley is one which has a rotating wheel that is attached to a stationary object such as a beam.



Scan to find out more about pulleys and to make your own at home!



SCAN ME