

Maths

In maths we will focus on the following areas in Term 4.

- Problem solving with the four operations
- Multiplying fractions by whole numbers
- Converting units of measure
- Area, volume and capacity

Scan the QR codes below to revise your knowledge of the written methods for the four operations.

Addition

$$\begin{array}{r} 343 \\ + 329 \\ \hline 672 \\ 1 \end{array}$$



Subtraction

$$\begin{array}{r} 548 \\ - 125 \\ \hline 423 \end{array}$$



Multiplication

$$\begin{array}{r} 213 \\ \times 3 \\ \hline 639 \end{array}$$

$213 \times 3 = 639$



Division

$$7 \overline{) 3615} \begin{array}{l} 52 \\ r1 \end{array}$$



Keep using TTRS and the links here to revise your times tables.



Helpful hints for converting units of measure

1000 metres = 1 kilometre

1000 grams = 1 kilogram

1000 millilitres = 1 litre

1000 millimetres = 1 metres

Do you spot any patterns here or maybe notice anything interesting?

How do you think you might convert from one unit of measure to another?

For example, from kilometres to metres.



Year 5 Knowledge Map

Key information

PE sessions

Our weekly PE sessions will continue to be on **Monday** and **Thursday**. The Monday session will be outdoors and the Thursday session will be indoors.

Homework

Homework will continue to be set on a **Wednesday** and expected to be back in school by the following **Monday**. The teachers will continue to run a homework club on **Friday** lunchtime. Please encourage your children to attend the club if required.

Diary dates

Thursday 7th March –

World Book Day celebrations

Thursday 14th March –

Wonderdome visiting school

Friday 22nd March – Maths

morning 8.30am-9.30am

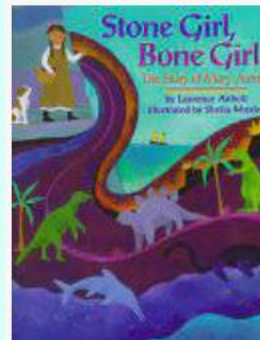
Tuesday 30th April – Year

5 visiting Birmingham

Botanical Gardens.

Reading and writing

In our writing sessions this half-term we will explore the book *Stone Girl, Bone Girl* which is about the life of fossil hunter Mary Anning.



Scan the QR codes to learn more about Mary Anning.



Spelling Spelling Shed

How many of these statutory words for Year 5 and 6 can you already spell?

We will be adding a new set of words to each knowledge map.

Don't forget to keep using Spelling Shed too.

Muscle

Necessary

Neighbour

Nuisance

Occupy

Occur

Opportunity

Parliament

Persuade

Physical

Prejudice

Privilege

Profession

Programme

Pronunciation

Queue

Recognise

Recommend

Relevant

Scan the QR code to access some more spelling themed games.



Science

In science we are going to be learning about Earth and Space, including the planets in our Solar System, why our view of the moon changes and how seasons occur. Below is some of the vocabulary that we will cover.

☰	Tier 3 subject specific
orbit	a curved path followed by a planet/object as it moves around another planet, star, moon etc.
axis	an imaginary line through the centre of an object, around which the object turns
crescent	a curved shape that is wide in the middle and pointed at each end
gravitational	connected with or caused by the force of gravity
waxing	seem to get gradually bigger until its full form is seen
waning	appear slightly smaller each day after being round and full

Scan the QR code to find out about the different moon phases. Keep an eye on the Moon this month and see if you can spot all eight phases.



Scan the QR code to explore the NASA website by watching videos and playing games! Can you tell your class a fact that you have learnt?

Art

In art we will be exploring the work of artist and sculptor Barbara Hepworth. Below is an example of one of her sculptures. What do you think of it?



Family of Man
by Barbara Hepworth (1970)

Here is some of the vocabulary that we will be using.

armature	An armature is a framework or basic structure that something such as a sculpture is built onto.
papier-mâché	Papier-mâché is a material consisting of paper pieces or pulp, sometimes reinforced with textiles, bound with an adhesive such as glue, starch or wallpaper paste.
contour	the outer edges of something; the outline of its shape or form
score	to make a cut or mark on a surface

We will be using colourful tissue paper and PVA glue to create a papier-mache bowl, using a small plastic bowl as an armature. We will then also using modelling clay to create a pot. This is what our creations will look like.



Computing

In computing we will be experimenting with coding. We will be looking at selection, conditions, repetition, loops and outcomes



Scan the QR code to start experimenting with Scratch, which is the programme we will be using.



PSHE

In PSHE we will be focusing on having a healthy lifestyle.

What makes a healthy lifestyle?

Can you come up with a list in preparation for our PSHE learning this half term?



RE

In RE we will be exploring the following question:
How significant is it for Christians to believe that God intended Jesus to die?

We will begin by thinking about our own lives and whether there is a plan that we are following. Then we will think about whether God had a plan for Jesus' life.

