

# Year 2 Knowledge Map Term 4

## Maths

In maths we will be using our problem solving skills. We will use our knowledge of the column Addition and Subtraction to work out the missing parts of different sums.

We can understand and represent what is happening in a problem by thinking about the parts and the wholes. We need to think about the start, the change and the result.

Susanne had 6 red cubes and Pete had 5 green cubes. They each gave them all to Hannah. Now Hannah has 11 cubes.

One part is 6. Another part is 5. When they are put together the whole is 11.

5	6
11	

6 + 5 = 11

We will be looking into halving a doubling numbers using our multiplication to support us. We will be revisiting our multiplication of 2,5 and 10 and also introducing the 3 times tables. This will support the children in being able to complete a wide range of mathematical questions.

5 x 2 = 10  
10 x 2 = 20  
6 x 1 = 6  
1 x 6 = 6  
12 x 1 = 12  
1 x 12 = 12

Once the children have learnt their multiplication we will be looking into grouping and division. To support the children and their understanding we will use arrays to solidify their understanding of division.

1 group of 10 is 10.  
2 groups of 10 is 20.  
3 groups of 10 is 30.

There are 3 groups of 10 in 30 so  
 $30 \div 10 = 3$

## Key Dates

World Book Day Thursday 6<sup>th</sup> March  
Parent Meeting 11<sup>th</sup> and 18<sup>th</sup> March  
Science Week W/C Monday 10<sup>th</sup> March  
School closes Friday 4<sup>th</sup> April

## P.E

Y2 PE days are on Thursday and Friday. Please come to school dressed in your P.E kit.

2	5	10
4	10	20
6	15	30
8	20	40
10	25	50
12	30	60
14	35	70
16	40	80
12	45	90
20	50	100

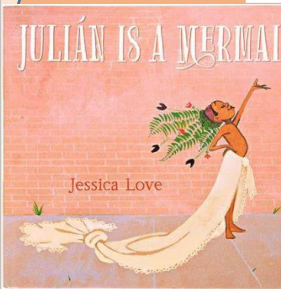


improve  
would  
who  
whole  
any  
many  
clothes  
prove  
grass  
parents  
Mr  
Mrs

Practise reading and spelling these words at home. See how many you can learn off by heart!

## English

We will be writing books to entertain based on this book.



Exclamation sentences



Commas in a list



We will also be looking at poetry in 'The puffin book of fantastic first poems'. The children will be writing and performing some of their own!



<b>A B C</b> capital letters	 finger spaces	 full stop	<b>Read</b> read it again
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KEEP PRACTISING  
Neat Handwriting

Year 2 Spelling words



# Year 2 Knowledge Map - Term 4

## Science

### Materials

Materials are what things are made from. There are many everyday materials.

### Glossary

<b>absorbent</b>	An absorbent material easily soaks up liquid.
<b>opaque</b>	An opaque material stops light from travelling through it, so you cannot see through it.
<b>transparent</b>	A transparent material allows you to see through it.
<b>waterproof</b>	A waterproof material does not let water pass through it.



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### Sticky Knowledge:

- Materials are what things are made from. There are many everyday materials.
- Materials can have several properties (its qualities). For example, wood is hard, strong, opaque and absorbent.
- These properties help produce suitable objects.

## Art



### Textiles and Collage

Pupils will create abstract collage and textile images using a range of materials. They will also make a reconstructed picture using selected images from magazines and prepared papers



**Image** – a picture, photograph or statue that represents somebody or something.



**Adhesive** – a substance that is used to stick things together.



**Non-realistic** – to represent something in a way that is not true to life.



**Reconstruct** – to build or make something again.



**Montage** – a picture, film or piece of music or writing that contains many separate items put together.



**Manipulate** – control, use or change something with skill.



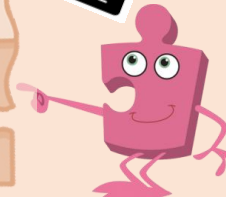
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## PSHE

Our new topic is called **Healthy Me.**



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## Computing

### Digital photography

In this unit, the children will be learning about digital photography. The children have probably taken a photo using IT before, either at home or school but in this unit, we will be exploring how to match lighting, focus, colour and more effects to make our perfect photo.



We will also be linking in online safety themes and PSHE learning such as 'when can we take a photo of another person?' to ensure our budding photographers are respectful.

## RE

Theme: Easter - Resurrection/Christianity

Concept: Salvation

Key Question: How important is it to Christians that Jesus came back to life after his crucifixion?



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