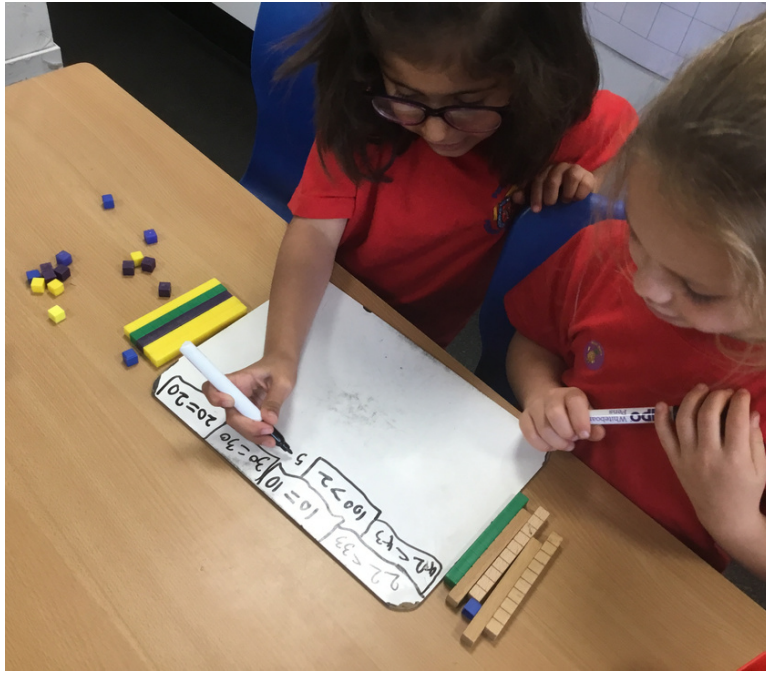


# Summer Term Maths NewsLetter

Spring 2024



## Maths at Pyrford this Summer

We are incredibly busy with Maths this term as we have the opportunity to celebrate this with National Numeracy day which takes place on Wednesday 22nd May. The children will be able to come to school in number mufti and take part in lots of fun Maths activities. We have partnered up with National Numeracy who will deliver a KS2 Maths Assembly.

As well as this, the children in Year 4 will take part in the multiplication check in June where they will be able to showcase their incredible knowledge of their times tables!



### Let's take a look at what is being learned this term:

Nursery: the children will continue to look at numbers 1-5. They will learn to recognise numerals and select the correct numeral to represent a given quantity.

Reception: the children will be deepening their understanding of number as they look at doubling, grouping and sharing. They will also explore pattern and relationships.

Year 1: the children will be introduced into multiplication and division by solving one-step problems using concrete and pictorial representations. They will also move on to money and time.

Year 2: the children will learn to tell, write and draw the time to 5 minutes, quarter to and past. The children will also continue to develop their knowledge of fractions.

Year 3: the children will continue to develop their understanding of fractions by finding and comparing fractions of an amount and recognising equivalent fractions. The children will also focus on money, shape and statistics.

Year 4: the children will continue to prepare for their multiplication check in the Summer term. They will also focus on decimals, time and money.

Year 5: the children will deepen their understanding of shape by learning all about angles! They will be able to compare, order and measure angles accurately using a protractor.

Year 6: the children will take the Summer term to consolidate all their learning in Maths and apply this through problem solving style questions.

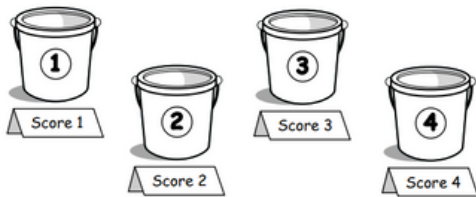
# Do you fancy a mathematical challenge?

Below are some challenges you can complete at home with your child. These are only optionally and not expected to be brought into school but can be discussed at home.

## KS1 Challenge:

### Bean-bag buckets

Dan threw 3 bean-bags.  
Each bag went in a bucket.  
More than one bag can go in a bucket.

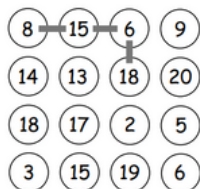


1. What is the highest score Dan can get?
2. Find three ways to score 6.
3. Find three ways to score 9.
4. What other scores can Dan get?

## KS2 Challenge:

### Joins

Join any four numbers.  
Find their total.  
Joins can go up, down or sideways, but not diagonally.  
The score shown is  $8 + 15 + 6 + 18 = 47$ .



Find the highest possible score.  
Find the lowest possible score.

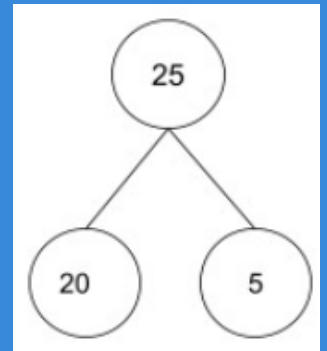
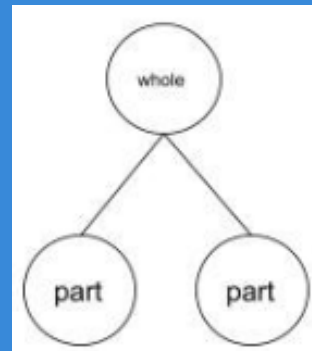
Try joining five numbers.  
Now try joining five numbers using only diagonal joins.



## The Part-Whole Model:

The Part-whole model can be used to represent relationships between a 'whole' and its component parts. The act of splitting a number into component parts is known as partitioning. This model can be used to support children's understanding of number through addition and subtraction. This representation can also be used in additional topics in Maths such as fractions and decimals.

Some examples can be seen below:



## Helpful websites/ programmes to use at home:

Learning Maths can be fun through games! Help your child to develop their understanding by playing interactive Maths games online. Here are some of the websites that we recommend:

- <https://mathsframe.co.uk/>
- <https://ictgames.com/mobilePage/index.html>
- <https://www.mathsisfun.com/index.htm>
- <https://mathszone.co.uk/>

Remember that your child will have a login to Numbots (Reception and KS1) or TT Rockstars (Year 2 and KS2). We encourage the children to play on these interactive games to develop their automaticity and fluency of number.

