



Maths Masterclass



Year 4: Summer 2

Welcome back to another Maths Masterclass Newsletter. We hope you are enjoying our Maths Newsletters. We have included the key coverage and some strategies that we use for teaching maths in class, alongside some online resources and activities for your child to try at home. We hope this helps with supporting your child at home and celebrating their success.

Multiplication and Division

This half term, we will focus on formal division, using short division (also known as 'bus stop' method). We will then focus on solving different problems that involve multiplying and adding.

Here are some examples:

Malachi says he can represent the total number of vertices of his shapes like this:

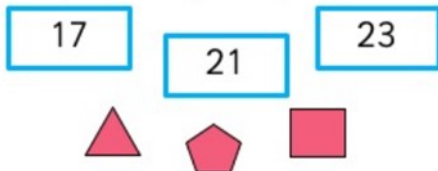
$$4 \times 6 + 3 \times 3 = 33$$



Find the total number of vertices for these sets of shapes in the same way:



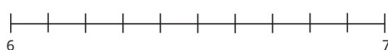
Use triangles, pentagons and squares to represent the following vertices:



Decimals

In our decimals learning this half term, we will be focusing on tenths and hundredths. We will be rounding decimals to the nearest whole number and comparing them too. We will link this to revisit our learning about money to solve simple problems, involving decimal places.

Label 6.2 on the number line.

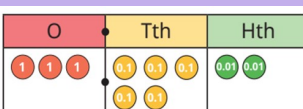
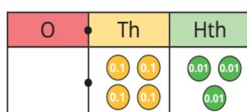
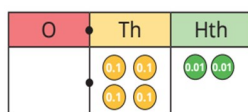


Is 6.2 closer to 6 or 7?

Complete the sentence.

_____ rounded to the nearest whole number is _____

Write < or > to compare the numbers.

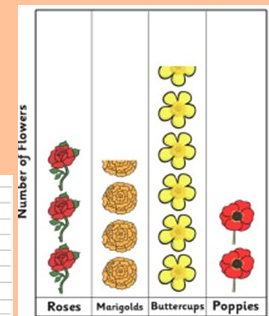
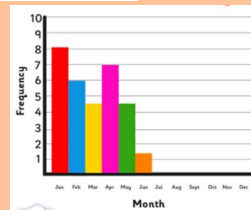
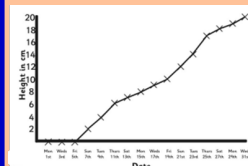


$$\begin{aligned} 3 + 0.5 + 0.02 &= 3.52 \\ 2 + 1.5 + 0.02 &= 3.52 \\ 3.02 + 0.5 &= 3.52 \end{aligned}$$

Statistics

This half term, we will focus on presenting data in different charts. We will be using real-life data to create our charts.

We will also interpret and answer questions about pictograms as well as revisiting other graphs.



Family challenge

Maths Countdown:

Reset cards and target

648

Generate new target



One possible way uses only 5 cards...

Reasoning

Which of these is the greater amount of time?

Circle your answer.

4 minutes and 38 seconds

311 seconds

Explain how you know.

I know that... so...

What facts do you need to know to be able to solve this?



Maths at Home



Maths website to support parents and maths problem-solving at home



Nrich has a range of maths games, problems and articles on all areas of maths. Parents can select either 'Stage 1' or 'Stage 2' to support and consolidate mathematical concepts. These usually tie in with the Key Stage of your child.
<https://nrich.maths.org/frontpage>
Each problem has a difficulty rating with 3 stars being the hardest.

Raising the profile of Maths



A good understanding of everyday maths will help your child with the important tasks such as making decisions and understanding information. It will also help them develop lifelong skills. At home you could play maths related games to help engage your child. For example, there are so many 'undercover' maths games that can help your child learn and practise a range of basic skills such as Monopoly, Dominoes, Four in a row, Scrabble and general card games.



Please try to spend 10-15 minutes practising times tables as often as possible to support fluency. Fast recall of times tables really helps children when they solve problems and do more complex maths!

Each half term we will be running battles between the classes in every year group weekly and one for over the whole half term.

Our next battle will be running from **Monday 5th June — Thursday 13th July.**

Having trouble logging on? Pop us an email at admin@hamble-pri.hants.sch.uk and we can try to assist.

YEAR 4: **Winning class:** **TURTLES!**

Lots of excellent determination with times tables across Year 4. Well done to all, keep it up!

Will we be seeing your class and name on the next Newsletter?

Let's BATTLE!

