


Maths activities Year 4 Week beginning 8.06.20

As well as these you can also do the daily activities in Purple Mash, practise your times tables on TT Rockstars and complete daily lessons on MyMaths.

<u>Monday 8th</u>	<u>Challenge activities</u>
<p>Fractions Draw rectangles with 10 squares inside. Can you shade these fractions?</p> <p>$\frac{3}{10}$ $\frac{7}{10}$ $\frac{5}{10}$ $\frac{1}{2}$ $\frac{4}{5}$</p>  <p>Why are $\frac{1}{5}$ and $\frac{1}{2}$ equivalent?</p>	<p>Tenths. Remember that $\frac{10}{10} = 1$, change these fractions into decimals, one has been done to show you:</p> <p>$\frac{17}{10} = 1.7$ $\frac{21}{10} =$ $\frac{11}{10} =$ $\frac{45}{10} =$ $\frac{99}{10} =$</p> <p>PurpleMash Play Fractonio's Pizzeria. Start off with challenge A and try and work your way through to challenge C!</p>

Tuesday 9th

Challenge activities

Placevalue

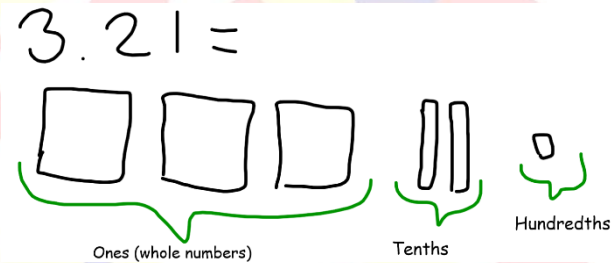
Can you make these numbers using a place value grid and counters? Draw a grid in your books like the one shown and draw counters in the correct place values to show the numbers.

321
1,560
909
4,207
23.7
506.35
101.01

Thousands	Hundreds	Tens	Ones	tenths	hundredths	thousandths
Th	H	T	O	t	h	th

Decimal.

We can also show decimals pictorially by using 100 squares.



Using the example above, can you please represent:

4.35
2.87
1.21
3.06
6.30

MyMaths

Addition and subtraction problems set activity.

Email Mr Naylor or Mrs Adam if you have any questions or want to send us work.

Mr Naylor: 4k@sparkenhoe.leicester.sch.uk Mrs Adam: 4s@sparkenhoe.leicester.sch.uk

Wednesday 10th

Addition/subtraction

Do the following to these numbers:

145, 201, 199, 567, 999

+10

+100

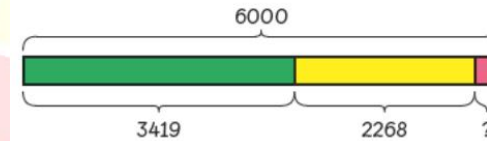
-10

-100

Challenge activities

Use a bar model to work out these word problems. An example has been shown.

There were 6000 books for sale at a book fair.
3419 books were sold on the first day of the fair and
2268 books were sold on the second day.
How many books were left at the end of the second day?



A baker makes 125 jam doughnuts, 365 vanilla doughnuts and 45 chocolate doughnuts. She sells 233 doughnuts before she closes. How many doughnuts does she have left?

On Saturday 3,478 people attended a Rugby match. 4,709 more people attended a football match on the Sunday. How many people went to the football match on the Sunday?

Class 4Z has 14 pupils, class 5X has double the number of pupils of 4Z and 6Y has triple the amount of pupils as 5X. How many pupils does 6Y have?

MyMaths

Mixed tables 2 to 12 set activity.

Thursday 11th

Challenge activities

Timestables.

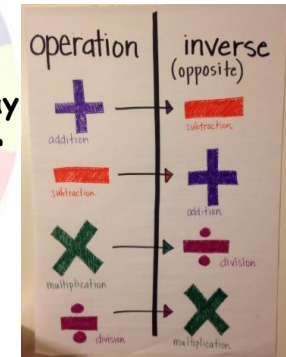
Pick three of the following times-tables: 4, 6, 7, 8, 9, 12.

Create a decorative design showing the times-table facts and the **inverse** of all these facts. You can include pictorial representations to make it more creative if you want.

Can you create up to 5 different word problems for your 3 chosen times-tables?

PurpleMash

Click 2 simple Table Toons and play a musical chairs game with either the 8, 9 or 12 times-table.



Friday 12th

Graph.

In computing before Easter we were looking at how to predict the weather.

Can you draw a line graph showing the highest temperatures over the next 7 days?

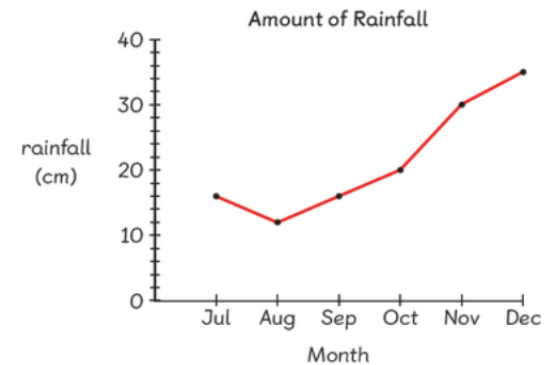
You could use BBC weather for this, which you can either find as an app or online.



Challenge activities

Join your plotted points on your line graph like the example shown.

Can you see a trend in your data? Is the temperature increasing over the week to make a positive trend or decreasing?



PurpleMash

Go onto 2Graph in the Maths section and experiment with different graphs and data!

Access any other apps and websites you feel are appropriate for your child.