Week 4 WB: 27.4.2020

Warm up activities:

Keep playing cards, board games, rolling dice, anything which keeps the children adding and subtracting.

This week we are going to have a recap of the fractions work we had begun before the school closed. I have looked at the Oak National Academy resources, they are really fun to use but they are quite 'wordy' so you might need to help your child with the reading. As usual I will provide you with lots of activities to choose from so if you find that these don't suit your child don't worry, us something else!

- Have a look at OA week 1 Fractions- Parts of the Whole. Follow through the activities. (https://www.thenational.academy/year-3/maths/to-describe-the-part-whole-relationship-year-3-wk1-1)
- Play Fractions Fiddle http://www.scootle.edu.au/ec/viewing/L2801/L2801/index.html#
- Make and cut up cakes/pizzas or use playdough (recipe here if you feel like making your own: https://www.bbcgoodfood.com/howto/guide/playdough-recipe) try to move on from the more simple fractions like ½ or 3/4. You could talk about the way in which 2/4 is the same as ½, 3/6 is the same as ½ etc etc.
- Use coloured paper to make a fraction wall (instructions here https://www.youtube.com/watch?v=dqV8kmyufLE)
- Get a packet of Skittles or Smarties, work out what fraction of the bag is made up of each colour (WARNING: you might have to eat a few to get this to work out nicely ☺)
- Write a fraction word problem for your child's teacher to solve.
- Make a fractions snap game.

Revision of previous weeks:

- Write a 3 digit – 2 digit subtraction problem for me to solve. Tell me whether it has an exchange.
- Use a dice to generate your own 3 digit number to add. See if you can estimate the answers.
- Write down the 3x table backwards! I.e 30÷3=10, 27÷3=9 and so on. You could do this for all of the times tables if you're really keen!

WB 27.4.20

Mrs. Holt's Maths Group

- Don't forget to play TT Rock Stars and try Numbots (accessed through the TTRS website)
- Try some of the BBC Bitesize lessons – this week is addition and subtraction.

- https://mathsbot.com/questionGenerator This website is great for creating questions for you so that you can practise your calculations. Just choose your level of difficulty and which area of maths you would like to work on and away you go!

- We will focus on recapping multiplication of a 2-digit number by a 1-digit number using the grid method.
- Only try gold if you are VERY confident with silver and completing them quickly and accurately!
- Watch this video if you need to recap the method we have learnt in class: https://www.youtube.com/watch?v=rQFdBKAxUuM
- Now have a go at these questions (please complete in the squared books, 1 digit in 1 box and line up the numbers in the correct columns, if you have one please us a ruler to draw the grids.)

<table>
<tr>
<td>Bronze
23 x 4 = 92
<table><tr><td>x</td><td>20</td><td>3</td></tr><tr><td>4</td><td>80</td><td>12</td></tr></table>80
+ 12
92</td>
<td>Silver
76 x 8 =
<table><tr><td>x</td><td>70</td><td>6</td></tr><tr><td>8</td><td>560</td><td>48</td></tr></table>560
+ 48
608
1</td>
<td>Gold (3d x 1d & 2d x 2d)
342 x 6 =
<table><tr><td>x</td><td>300</td><td>40</td><td>2</td></tr><tr><td>6</td><td>1800</td><td>240</td><td>12</td></tr></table>1800
240
+ 12
2052
1</td>
</tr>
<tr>
<td>21 x 3 =
42 x 3 =
32 x 4 =
24 x 4 =
21 x 6 =
24 x 6 =</td>
<td>54 x 6 =
28 x 4 =
34 x 8 =
36 x 3 =
43 x 4 =
67 x 3 =</td>
<td>132 x 3 =
372 x 4 =
184 x 8 =
352 x 6 =
Choose your own 3-digit number to multiply by a 1-digit number.</td>
</tr>
</table>

Now test your skills with some word problems.

<table>
<tr>
<td>A brick is 8cm tall. How tall are:
6 bricks stacked on top of each other?
24 bricks stacked on top of each other?
32 bricks stacked on top of each other?</td>
<td>Bethan has £14 in her purse. Her mum has eight times as much.
How much money do they have altogether?</td>
<td>How many days are there in:
248 weeks?
913 weeks?</td>
</tr>
<tr>
<td>A roller coaster can hold 72 people at once. How many people will ride the rollercoaster after 4 turns?</td>
<td rowspan="2">Put the digits 3, 4 and 8 into the calculation below. How many different answers can you find?

X</td>
<td>Louise buys a TV which costs £243. She buys a laptop which costs 7 times as much. How much did the laptop cost?</td>
</tr>
<tr>
<td>Cars have 4 wheels.
How many wheels will:
18 cars have?
23 cars have?
34 cars have?</td>
<td>Sami goes shopping for clothes. A T-shirt costs £128 and a pair of shorts costs £147. How much would it cost to buy 3 T-shirts and 3 pairs of shorts?</td>
</tr>
</table>

KG/AM Maths Group

Hello all and welcome to week four of our home learning!

Games/activities:

- Practise counting in 25s. First of all count forwards from 0. How far can you count in 30 seconds or 1 min? Next start at 200 and count backwards in 25s. What will you say after 0? Can you count in 25s from a different starting number?
- The object of the game is to be the first one to say "20". The first person must start at "1". Each person may then say one, two, or three numbers per turn, and the numbers must be in counting order. Each person must start with the number after the last one that the other person said. For example, the first person can say "1", or "1, 2", or "1, 2, 3." If the first person says "1, 2", then the second person could say "3" or "3, 4", or "3, 4, 5". Whoever says "20" wins the game. Can you discover a winning strategy? To vary this game, the target number can be changed and the how many numbers you are allowed to count on.
- Make cards with the following written on them. Make several of each type.

-1	+ 1	-10	+10	-100	+ 100

  Put them in a pile face down. Choose a starting number from the following: 325, 408 or 214. Now turn over a card at a time and add or subtract the number it says. E.g. 325 **+100** = 425 **-10** = 415 **– 1** = 414
- To help with your times tables, practise counting forwards and backwards in multiples of 3, 4, 6, 7, 8 or 9. E.g. for multiples of 4 you would say 0, 4, 8, 16, 20, 24, 28, 32… Why not try counting in different voices?
  Also have a look at:
  https://www.bbc.co.uk/teach/supermovers/ks2-maths-the-times-tables-mash-up-with-bartley-bluebird-wolfie-wolf/zk4hd6f

If you would like to, you can continue with your White Rose Maths Learning on Fractions & Decimals.

A.	If you feel confident, there are five lessons for you to complete on: https://whiterosemaths.com/homelearning/year-4/
B.	If you feel you would prefer to continue to revisit previous learning, then try watching the videos and completing the activities on: https://whiterosemaths.com/homelearning/year-3/

Other resources for decimals:

What are decimals?	https://www.bbc.co.uk/bitesize/topics/zsjqtfr/articles/zsbd7p3 (Video clip followed by activities)
Converting tenths to decimals	https://www.bbc.co.uk/bitesize/clips/zctn34j (After watching the video clip, if click on the classroom ideas tab, there are ideas of games to play)
BBC Supermovers (fractions & decimals)	https://www.bbc.co.uk/teach/supermovers/ks2-maths-decimals-fractions-with-naomi-wilkinson/zf2gt39
Ordering decimals	https://www.topmarks.co.uk/ordering-and-sequencing/coconut-ordering (You can choose your level of challenge, ordering decimals with one or two decimal places. You can also practise ordering money amounts and measures)

Something different….Have you tried the 5-a-day Maths resources yet?

For each day, there are 5 questions and you can choose your level of challenge.
https://corbettmathsprimary.com/5-a-day/

Calculations: https://mathsbot.com/questionGenerator

On this website, you can generate questions to help you to practise your calculation skills. You can choose your level of difficulty, the area of Maths you would like to work on and set yourself a time limit!