

Year 5 – Maths Home Learning

Spring Term 4

This term, please practise with your child:

- Count using simple fractions and decimals forwards and backwards bridging zero.
- Compare numbers with the same numbers of decimal places (up to two decimal places).
- Know the decimals for $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{5}$ and $\frac{1}{10}$ ($\frac{1}{4} = 0.25$; $\frac{1}{2} = 0.5$; $\frac{3}{4} = 0.75$, $\frac{1}{5} = 0.2$, $\frac{1}{10} = 0.1$)

Recap measure facts from Year 3 & 4

length	mass	capacity
100cm = 1m	1000g = 1kg	1000ml = 1l
50cm = $\frac{1}{2}$ m	500g = $\frac{1}{2}$ kg	500ml = $\frac{1}{2}$ l
25cm = $\frac{1}{4}$ m	250g = $\frac{1}{4}$ kg	250ml = $\frac{1}{4}$ l
10 mm = 1cm		
1000m = 1km		
500m = 1		



Key Vocabulary

tenth	A fraction, one part of 10 equal parts.
hundredth	A fraction, one part of 100 equal parts.
capacity	the amount a container can hold
mass	how heavy something is

Maths Fact	Further explanation / Ideas of how to practise
Count using simple fractions and decimals forwards and backwards bridging zero.	3, 2 $\frac{1}{2}$, 2, 1 $\frac{1}{2}$, 1, $\frac{1}{2}$, 0 0.5, 0.4, 0.3, 0.2, 0.1, 0, -0.1, -0.2 -0.3
Compare numbers with the same numbers of decimal places (up to two decimal places).	e.g 12.34 > 12.13 5.27 < 6.01
Know the decimals for $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{5}$ and $\frac{1}{10}$ ($\frac{1}{4} = 0.25$; $\frac{1}{2} = 0.5$; $\frac{3}{4} = 0.75$, $\frac{1}{5} = 0.2$, $\frac{1}{10} = 0.1$)	$\frac{1}{4} = 0.25$ $\frac{1}{2} = 0.5$; $\frac{3}{4} = 0.75$, $\frac{1}{5} = 0.2$ $\frac{1}{10} = 0.1$

Top Tops!

The secret to success is practising little and often. Can you practise these facts on your walk or drive to school?

Fact of the day - you don't need to learn there all at once.

'Free facts' – If you know that $6 + 4 = 10$ then you know that $60 + 40 = 100$; $0.6 + 0.4 = 1$; $20 - 4 = 16$.

Times Tables

This term Year 5 will be revising 9x and 12x tables

$1 \times 9 = 9$	$1 \times 12 = 12$
$2 \times 9 = 18$	$2 \times 12 = 24$
$3 \times 9 = 27$	$3 \times 12 = 36$
$4 \times 9 = 36$	$4 \times 12 = 48$
$5 \times 9 = 45$	$5 \times 12 = 60$
$6 \times 9 = 54$	$6 \times 12 = 72$
$7 \times 9 = 63$	$7 \times 12 = 84$
$8 \times 9 = 72$	$8 \times 12 = 96$
$9 \times 9 = 81$	$9 \times 12 = 108$
$10 \times 9 = 90$	$10 \times 12 = 120$
$11 \times 9 = 99$	$11 \times 12 = 132$
$12 \times 9 = 108$	$12 \times 12 = 144$

The school has subscribed to Times Tables Rock Stars (TTRS). TTRS is an online platforms to help your child practise times tables facts at home. TTRS be downloaded as app on your phone or tablet. Your child has a username and password. This is stuck in their reading record



Maths Games to play at home!

Decimal Line-Up

- Draw a numberline from 0 to 10
- Players take it in turns to roll the dice to generate a number to two decimal places.
- The first roll represents the ones, the second is the tenths and the third the hundredths (e.g. 3.41)
- Plot the number on the number line. First to get 3 in a line wins.



Factors and Multiples Game

- This is a game for two players.
- The first player chooses a positive even number that is less than 50, and crosses it out on the grid.
- The second player chooses a number to cross out. The number must be a factor or multiple of the first number.
- Players continue to take it in turns to cross out numbers, at each stage choosing a number that is a factor or multiple of the number just crossed out by the other player. (Use pencil so you can reuse the grid)
- The first person who is unable to cross out a number loses.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

For more game ideas go to the school website for the 'Bare Necessities' game packs <https://stratford-sub-castle.wilts.sch.uk/maths-at-home/>