Year 5 – Maths Home Learning Spring Term 3

This term, please practise with your child:

- Multiply and divide numbers by 10, 100 or 1000.
- Know that 10 tenths are equivalent to 1/ Know that 1 is 10 times the size of 0.1
- Know that 100 hundredths are equivalent to 1 one / Know that 1 is 100 times the size of 0.01
- Know that 10 hundredths are equivalent to 1 tenth/ Know that 0.1 it 10 times the size of 0.01

Recap measure facts from Year 4

Measure	
mm ↔ cm	10mm = 1cm
cm ↔ m	100cm = 1m
	50 cm = ½ m
	25cm = ¼ m
m ↔ km	1000m = 1km
	500m = ½ km
	250m = ¼ km

Key Vocabulary

factor	a whole number that divides exactly into another number.
tenth	A fraction, one part of 10 equal parts.
hundredth	A fraction, one part of 100 equal parts.
equivalent	equal in value,

Maths Fact	Further explanation / Ideas of how to practise
Multiply and divide numbers by 10, 100 or 1000.	e.g. 24 x 1000 = 24,000 1.3 x 100 = 130
	53 ÷ 1000 = 0.053 3.4 ÷ 100 = 0.034
Know that 10 tenths are equivalent to 1/ Know that 1 is 10 times the size of 0.1	"10 tenths is equal to 1 one." "1 is 10 times the size of one-tenth." "One-tenth is 10 times the size of one-hundredth."
Know that 100 hundredths are equivalent to 1 one / Know that 1 is 100 times the size of 0.01	"1 is 100 times the size of one-hundredth." "100 hundredths is equal to 1 one."
Know that 10 hundredths are equivalent to 1 tenth/ Know that 0.1 it 10 times the size of 0.01	"10 hundredths is equal to 1 tenth."

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 7x and 9x tables

1 x 7 = 7	1 x 9 = 9
2 x 7 = 14	2 x 9 = 18
3 x 7 = 21	3 x 9 = 27
4 x 7 = 28	4 x 9 = 36
5 x 7 = 35	5 x 9 = 45
6 x 7 = 42	6 x 9 = 54
7 x 7 = 49	7 x 9 = 63
8 x 7 = 56	8 x 9 = 72
9 x 7 = 63	9 x 9 = 81
10 x 7 = 70	10 x 9 = 90
11 x 7 = 77	11 x 9 = 99
12 x 7 = 84	12 x 9 = 108

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!

Factors and Mutiples 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.

Estimate

- Roll the dice to make a 3-digit number. This will be your length (in mm)
- Draw a line (without a ruler)
- Measure using a ruler
- Closest person wins a point
- First to five points wins!

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/