Year 5 – Maths Home Learning
Autumn Term 1

This term, please practise with your child:

- Read and write numbers to at least 1 000 000 and say the value of each digit.
- Count forwards and backwards in steps of 10 for any given number up to 1 000 000.
- Read and write Roman numerals up to 1000 and dates
- Order and compare numbers to at least 1 000 000
- 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
- Compare numbers with the same numbers of decimal places (up to two decimal places).

Key Vocabulary

hundredth	one of a hundred equal parts.
thousandth	one of a thousand equal parts.
equivalent	equal value in number / amount

Hundredths	Thousandths

Here's further information and ideas for how to practise

Place Value	Further explanation / Ideas of how to practise
Read and write numbers to at least 1 000 000 and say the value of each digit.	Identify ones, tens, hundreds, thousands, tens of thousands etc. 13, 123 has 3 thousands
Order and compare numbers to at least 1 000 000	Write a set of numbers up to 1 million – order the numbers
Count forwards and backwards in steps of 10 for any given number up to 1 000 000.	345, 355, 365, 375… 12345, 12355, 12365, 12375… 99999, 99989, 99979, 99969…
Read and write Roman numerals up to 1000.	I = 1 V = 5 X = 10 L = 50 C = 100 D = 500 M = 1000 so 47 = XXXXVII 89 = LXXXIX 90 = XC
Read and write dates using Roman numerals	e.g. 1995 = 1000 + 900 + 90 + 5 1000 = M 900 = CM 90 = XC 5 = V 1995 = MCMXCV
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."
Compare numbers with the same numbers of decimal places (up to two decimal places).	e.g 12.34 > 12.13 5.27 < 6.01

Top Tips!

The secret ito 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 6x and 8x tables

1 x 6 = 6	1 x 8 = 8
2 x 6 = 12	2 x 8 = 16
3 x 6 = 18	3 x 8 = 24
4 x 6 = 24	4 x 8 = 32
5 x 6 = 30	5 x 8 = 40
6 x 6 = 30	6 x 8 = 48
7 x 6 = 42	7 x 8 = 56
8 x 6 = 48	8 x 8 = 64
9 x 6 = 54	9 x 8 = 72
10 x 6 = 60	10 x 8 = 80
11 x 6 = 66	11 x 8 = 88
12 x 6 = 72	12 x 8 = 96

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!

Dicey!

Each player creates a grid made of 5 boxes:

Roll dice and each player puts number into their grid: **3**

Repeat until the grid is full: 3 6 1 3 2

The player with the highest number gets a letter (e.g. D – I – C - E ….)

First player to make the word **DICEY** wins!

Ladder

- Each player draws a ladder with 7 gaps and a bin
- Roll the dice three times. This is your number – you are making a number to 2 decimal places (ie 3.41)
- Place the number in ladder from lowest to highest. If there is no space to put number in ladder, put the number in the bin.
- First to complete ladder wins
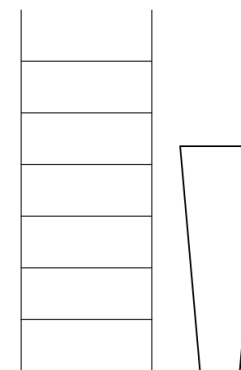
For more game ideas go to the school website for the 'Bare Necessities' game packs https://stratford-sub-castle.wilts.sch.uk/maths-at-home/