

Year 3 – Maths Home Learning

Spring Term 3

This term, please practise with your child:

- Double any two-digit number.
- Halve any two-digit number.
- Know 50cm = $\frac{1}{2}$ m
- Know 25cm = $\frac{1}{4}$ m
- Know 10 mm = 1cm

Key Vocabulary

multiple	a number made up of multiplying two numbers together. <i>The multiples of 5 are all the numbers in the 5 times table, such as 5, 10, 15, 20, 25 and so on.</i>
perimeter	the distance around a shape
metre (m)	measurement of length (100 cm = 1m) <i>(a door handle is 1m from the ground)</i>
centimetre (cm)	measurement of length. Smaller than a metre. (100 cm = 1m) <i>(the width of a grape is approximately 1 cm)</i>
millimetre (mm)	measurement of length. Smaller than a centimetre. (10mm = 1cm) <i>(a credit card is approximately 1mm)</i>

Here's further information and ideas for how to practise

	Further explanation / Ideas of how to practise
Double any two-digit number.	e.g. double 34 = 68, double 65 = 130
Halve any two-digit number.	Reversal of the above facts, even numbers only
Know 50cm = $\frac{1}{2}$ m	Hands-on measuring at home. Try converting between the measurements. Go on a hunt – find items that are $\frac{1}{2}$ m long, $\frac{1}{4}$ m long etc
Know 25cm = $\frac{1}{4}$ m	
Know 10 mm = 1cm	



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 3 will be continuing to learn the 3x and learn the 4x tables.

$1 \times 3 = 3$	$1 \times 4 = 4$
$2 \times 3 = 6$	$2 \times 4 = 8$
$3 \times 3 = 9$	$3 \times 4 = 12$
$4 \times 3 = 12$	$4 \times 4 = 16$
$5 \times 3 = 15$	$5 \times 4 = 20$
$6 \times 3 = 18$	$6 \times 4 = 24$
$7 \times 3 = 21$	$7 \times 4 = 28$
$8 \times 3 = 24$	$8 \times 4 = 32$
$9 \times 3 = 27$	$9 \times 4 = 36$
$10 \times 3 = 30$	$10 \times 4 = 40$
$11 \times 3 = 33$	$11 \times 4 = 44$
$12 \times 3 = 36$	$12 \times 4 = 48$

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!

Bingo!

- Choose a times tables to play (e.g. 4x)
- Both players draw a grid with 6 boxes.
- Choose 6 multiples from the times tables
- Roll a 12-sided dice (Google Virtual Dice) or roll 2 6-sided dice (e.g. 7)
- Cross off that multiple (e.g. $7 \times 4 = 28$)
- First to cross out all 6 wins!

4	12	36
40	28	20

Flip 'n' Roll

- Draw a ladder with 7 gaps and a bin
- Roll a 12-sided dice (Google Virtual Dice) or roll 2 6-sided dice and add together (e.g. 7)
- Flip the coin. Head = $\times 5$ / Tail = $\times 3$
(e.g. $7 \times = 21$)
- 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/>