

Year 4 – Maths Home Learning

Spring Term 4

This term, please practise with your child:

- Know the decimals for $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ ($\frac{1}{4} = 0.25$; $\frac{1}{2} = 0.5$; $\frac{3}{4} = 0.75$)
- Count forwards and backwards in hundredths.

Recap on measure facts from Year 3.

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		



Key Vocabulary

tenth	A fraction, one part of 10 equal parts.
hundredth	A fraction, one part of 100 equal parts.
perimeter	the distance around a shape
metre (m)	measurement of length <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>
kilometre	measurement of length; often used for measuring distances. Longer than a kilometre. <i>(a kilometre is as long as 10 football pitches)</i>
mass	how heavy something is
gram	measurement of mass <i>(a bag of crisps is 25g (ish!))</i>
kilogram	measurement of mass <i>(a bag of sugar is 1kg)</i>
capacity	the amount a container can hold
litre	measurement of capacity <i>(a large bottle of water is 1l)</i>
millilitre	measurement of capacity <i>(a small yoghurt pot is 140ml)</i>
mass	how heavy something is

Times Tables

This term Year 4 will be continuing to learn the 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!

Beat the Clock!

- Shuffle 2 packs of 0 – 12 cards and choose the times table you are working on.
- Against the clock turn over a card and multiply it by your chosen times table, saying the answer to your partner.
- Players go through the pack as fast as they can, trying to beat previous times.



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.



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/>