Year 3 – Maths Home Learning

Spring Term 4

This term, please practise with your child facts linked to measure:

length	mass	capacity
100cm = 1m	1000g = 1kg	1000ml = 1l
50cm = ½ m	500g = ½ kg	500ml = ½ l
25cm = 1/4 m	250g = ¼ kg	250ml = ¼ l
10 mm = 1cm		

Continue to practise:

- Double any two-digit number.
- Halve any two-digit number.

Key Vocabulary

perimeter	the distance around a shape
metre (m)	measurement of length *(a door handle is 1m from the ground)*
mass	how heavy something is
capacity	the amount a container can hold

Formal Methods

We use expanded multiplication before moving onto short multiplication.

Expanded multiplication

Short multiplication

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 them 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 learn the 4x and recap on the 2x, 5x, 10x and 3x tables.

1 x 4 = 4
2 x 4 = 8
3 x 4 = 12
4 x 4 = 16
5 x 4 = 20
6 x 4 = 24
7 x 4 = 28
8 x 4 = 32
9 x 4 = 36
10 x 4 = 40
11 x 4 = 44
12 x 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!

Estimate

- Write the numbers 1 to 30 on pieces of paper. Put in a pot.
- Pull out a number from the pot. This will be your length (in cm)
- Draw a line (without a ruler)
- Measure using a ruler
- Closest person wins a point
- First to five points wins!

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.

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/