

The background is a gradient of teal and blue, featuring several faint, light-colored mathematical diagrams. On the left side, there is a large circular scale with tick marks and numbers ranging from 140 to 260. Other diagrams include circles with arrows indicating rotation or movement, and various geometric shapes like arcs and lines. The overall aesthetic is clean and technical.

MATHS IN YEAR 1

MATHS

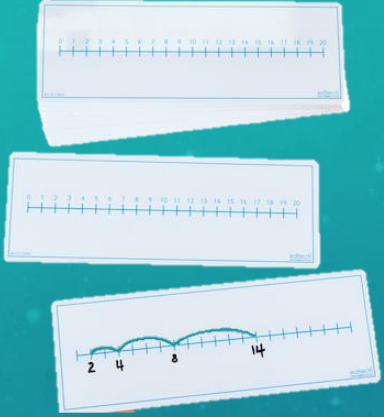
In maths, the focus is on understanding the concept and not learning procedures by rote, so that as they progress through their education at primary and secondary school, they are set up to succeed and they have strong foundations to their mathematical understanding.

Today, I'm going to be talking you through some of the resources and key concepts your children will be learning.

CURRICULUM – READY TO PROGRESS

- Count forwards and backwards within 100, starting with any number
- Reason about the location of numbers to 20, using $<$ $>$ and $=$
- Develop fluency in addition and subtraction within 10
- Read, write and interpret number sentences with $+$, $-$ and $=$ symbols
- Count forwards and backwards in 2's, 5's and 10s
- Compare and partition numbers to 10
- Recognise common 2D and 3D shapes

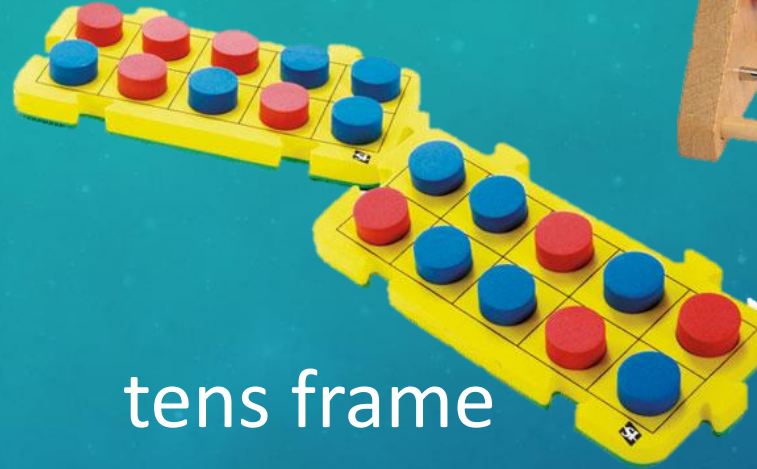
RESOURCES



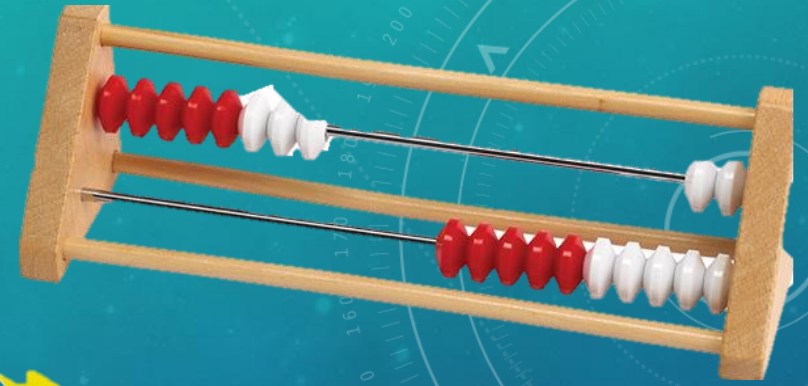
number lines



cubes



tens frame

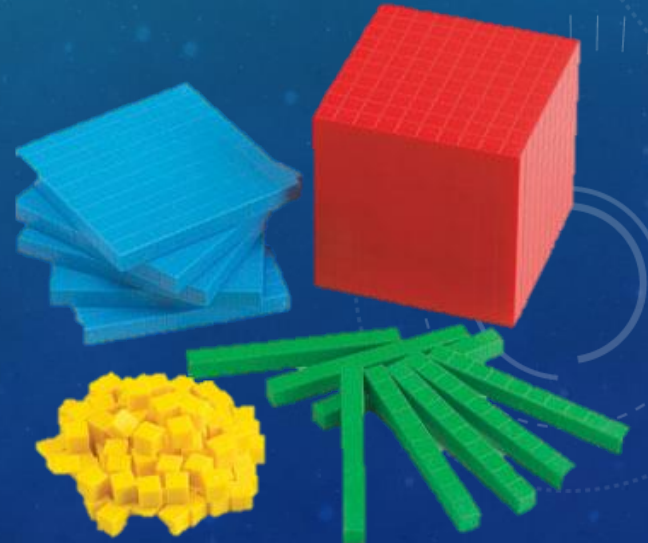


rekenrek

counters



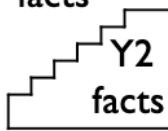
numicon



dienes

FLUENCY SESSIONS

Adding 1 and 2	Bonds to 10	Adding 10	Bridging/ compensating
Doubles	Adding 0	Near doubles	

Y1 facts

 Y2 facts

+	0	1	2	3	4	5	6	7	8	9	10
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9	2+10
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9	3+10
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9	4+10
5	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9	5+10
6	6+0	6+1	6+2	6+3	6+4	6+5	6+6	6+7	6+8	6+9	6+10
7	7+0	7+1	7+2	7+3	7+4	7+5	7+6	7+7	7+8	7+9	7+10
8	8+0	8+1	8+2	8+3	8+4	8+5	8+6	8+7	8+8	8+9	8+10
9	9+0	9+1	9+2	9+3	9+4	9+5	9+6	9+7	9+8	9+9	9+10
10	10+0	10+1	10+2	10+3	10+4	10+5	10+6	10+7	10+8	10+9	10+10

NUMBOTS

Numbots is a way that children can practice number facts at home. They work there way up through levels and can achieve certificates for their progress.

It's a great thing to practise on computers or tablets at home for some focused screen time.

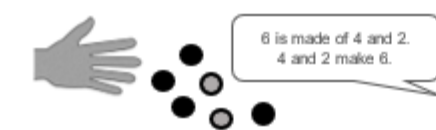
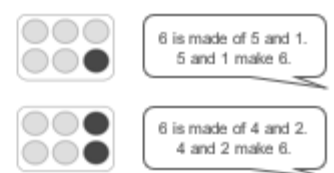

Logins can be found in their reading records.



WHAT CAN I DO AT HOME?

- Counting! Steps, cars, people, in 2's, 5's, 10's, forwards, backwards, starting anywhere
- Numbots time
- Talking about maths in the real world – money, shape, 'groups of' etc
- There is a pack of games which can easily be played at home, all to do with number sense. These will be loaded on to the Year 1 section of the website.

Mastering Number at Home
Year 1 – Week 1

<p style="text-align: center;">Drop the counters</p>  <p style="text-align: center;">(Monday, Wednesday and Friday)</p> <p><u>How to play</u></p> <ul style="list-style-type: none">• For this game, you will need 6 two-colour counters and the worksheet 'Drop the counters'. Decide who will be player 1 and who will be player 2.• Take it in turns to hold 6 counters in your hand and to drop them all at once onto the table.• Check how many of each colour are showing. [Note that if all the counters land with the same colour showing, the player misses their turn.]• Use the stem sentence to say aloud the way you have made 6. [See the example above and the worksheet 'Stem sentences' for guidance.]• On your recording sheet, cross out the way you have made 6 with the counters.• Keep playing until either player has crossed out all the ways to make 6 on their sheet.	<p style="text-align: center;">Egg box 6</p>  <p style="text-align: center;">(Tuesday and Thursday)</p> <p><u>How to play</u></p> <ul style="list-style-type: none">• For this game you will need an egg box and 6 two-colour counters.• Place all 6 counters in the empty spaces in the egg box, with the same colour facing up.• Turn over 1 counter and use the stem sentence to say the way to make 6 that is shown – "6 is made of 5 and 1..." [See the example above and the worksheet 'Stem sentences' for guidance.]• Keep turning over 1 counter at a time and saying the new way to make 6 until you have found <i>all</i> of the ways to make 6.
<p>Other things to try at home</p> <p><u>Noticing packs of 6</u></p> <p>In your home, can you make a list of things you have bought in packs of 6?</p>  <p><u>Things to try outdoors</u></p> <p>Make sets of 6 things you can find in nature, e.g. 6 leaves, 6 acorns, 6 conkers, 6 twigs, and so on. If you see a collection of fewer than 6 things, ask, "How many more will make 6?"</p>	