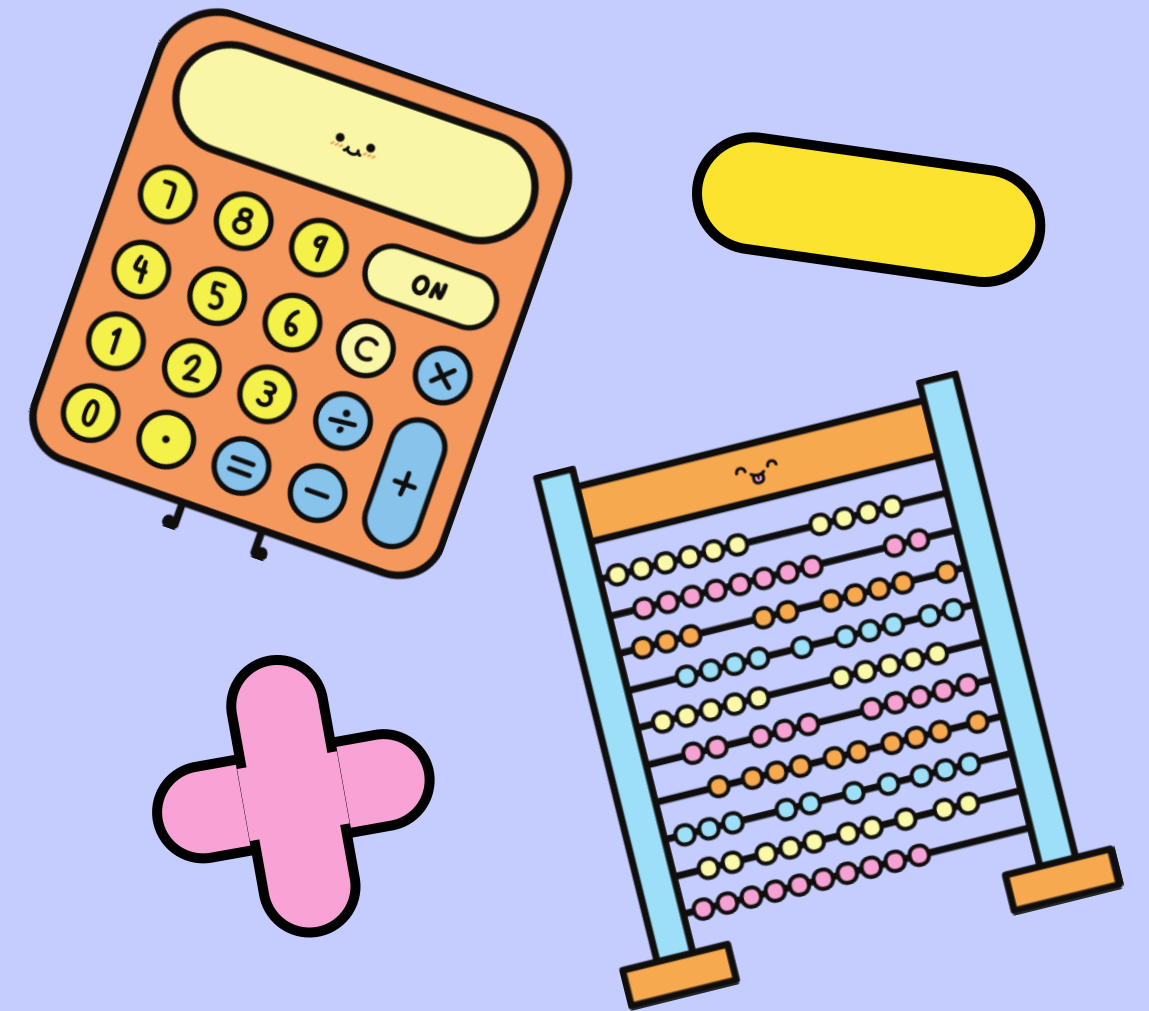
The background is light blue and features various math-related illustrations: a green measuring tape in the top left, a yellow ruler in the top right, a pink calculator in the bottom left, and a blue abacus in the bottom right. Large black numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9 are scattered around the central text box.

Let's talk Maths!

Learn with your child Maths session
Tuesday 26th November

Today's Session

- Know ways to support learning at home
- Know key age-appropriate facts to learn
- Make and take part in games



What does Maths look like at Red Lane?

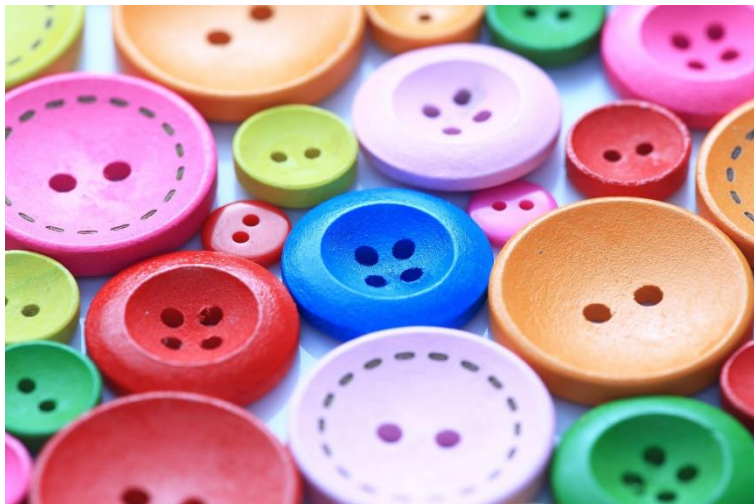
White Rose
EDUCATION



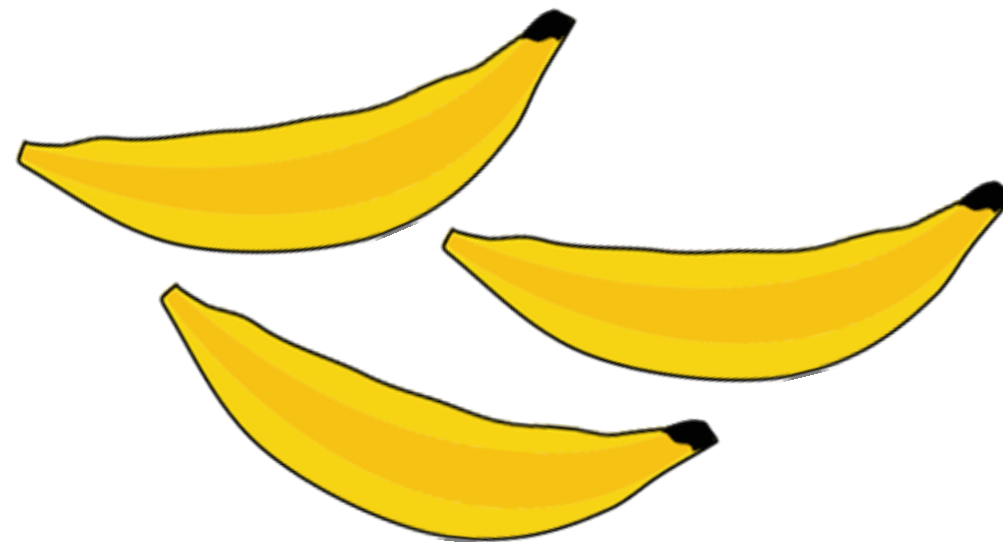
How does Mastering Number help us to teach maths in school?

The Mastering Number Programme in Reception & Y1 will help your child to develop good *number sense*.

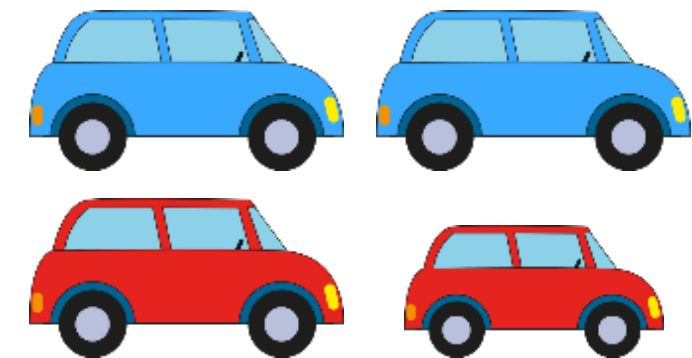
Some of the things they are learning include:



Counting
(Reception)



Recognising small numbers
of objects and making their
own collections
(Reception and Y1)

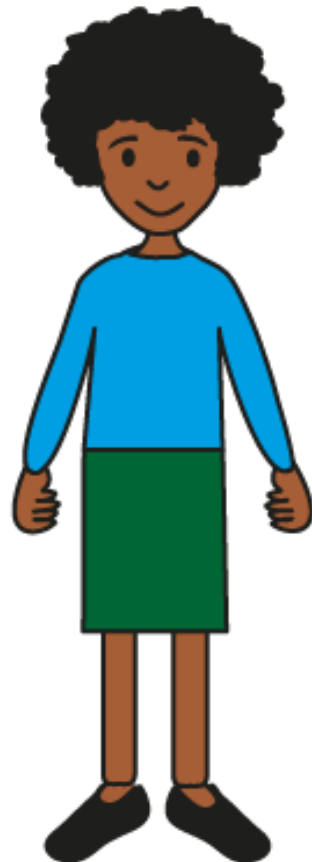


Know different ways to
'make' (compose) a number
(Reception and Y1)

How do we develop good number sense?

Knowing how numbers are 'made' will help children later on with calculations.

I know that 6 is made of 4 and 2 so I will also know...



$$40 + 20$$

$$400 + 200$$

$$6 - 2$$

$$60 - 20$$

$$0.4 + 0.2$$

$$0.6 - 0.2$$

What is available at home?

White Rose Parent Packs

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
					
Autumn Block 1 Place value (within 10)	Autumn Block 2 Addition and subtraction (within 10)	Autumn Block 3 Shape	Autumn Block 4 Place value (within 20)	Spring Block 1 Addition and subtraction (within 20)	

Average Speed Per Addition Fact

Nov 15, 2024

+	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

- One more
- Two more
- Number bonds to 10
- Adding on to 5
- Adding zero
- Doubles
- Near doubles
- Adding on to 10
- Bridging 10
- Compensating

Numbots

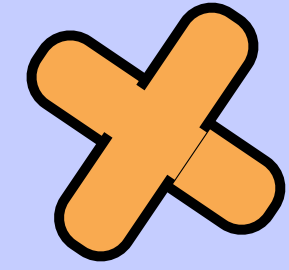
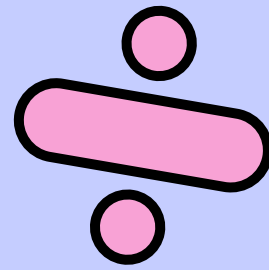
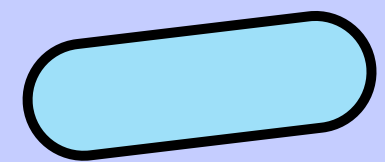
Average Speed Per Subtraction Fact

Nov 15, 2024

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

- Ones less
- Two less
- Number bonds to 10

0



5

1

Let's play

6

2

Drop 6!

Roll and exchange

7

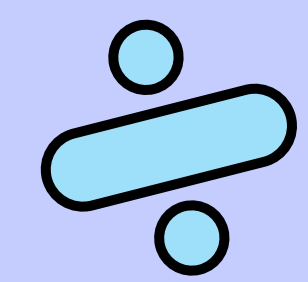
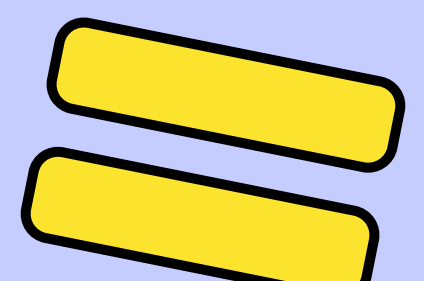
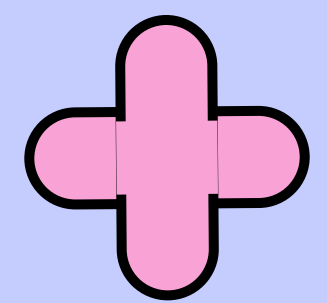
3

Numicon sandwiches!

Board Games

8

4



9

Let's play!

Drop 6

Take turns to drop 6 counters on the table.
Write an addition fact on your whiteboard.

Swap until one player has all of the bonds to 6.

Let's play!

Roll and exchange

Take turns to roll the dice and collect as many ones.

When you reach ten ones, regroup for one ten.

Continue until one player has collected three tens – they win!

Let's play!

Numicon sandwiches

Choose a numicon piece as the base.
Chose two pieces that fit on top of the base
piece and write down the number sentence.
How many ways can you make your base
number?

Let's play!

Cuisenaire rods

These colourful rods show the structure of maths.

