

Yr2 : Mathematical Development

From now until the Summer Break, we will be doing our MD work from one of three stories, depending on your year group. Each story will lend itself to a theme and a variety of maths activities will be completed each week.



Year Two : Jo, Raja and Sammy have helped lots of people.

This week, we will be concentrating on problem solving; partitioning and place value.

I can..... I can use the facts I know to help me solve number problems.

I can..... I can count in 2s and 10s and to 100.

I can..... I can partition and combine numbers

I can..... I can use what I know about place value to add, subtract and order numbers

I can..... I can solve problems

We will do introductions in class and activities will be sent home in the 'pack'

Bonds of 10 – I can use the facts I know to help me solve number problems.

Can you say the numbers that add together to make 10?

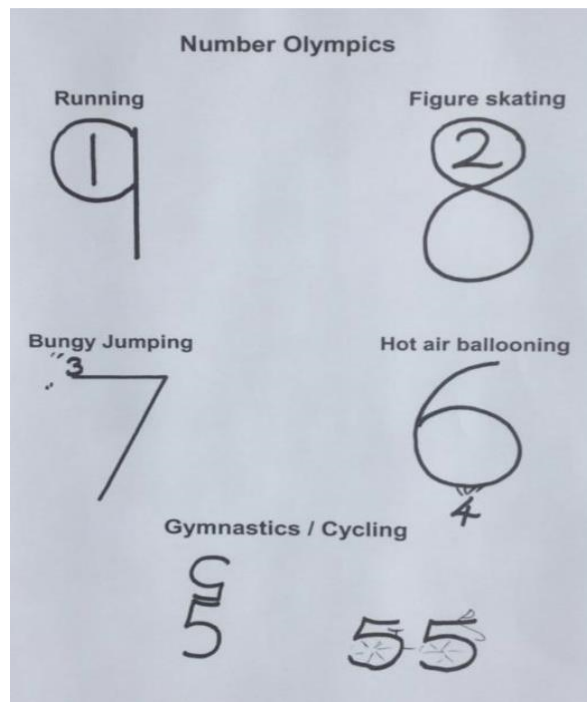
Write the story of 10

$$10+0=10$$

$$9+1=10$$

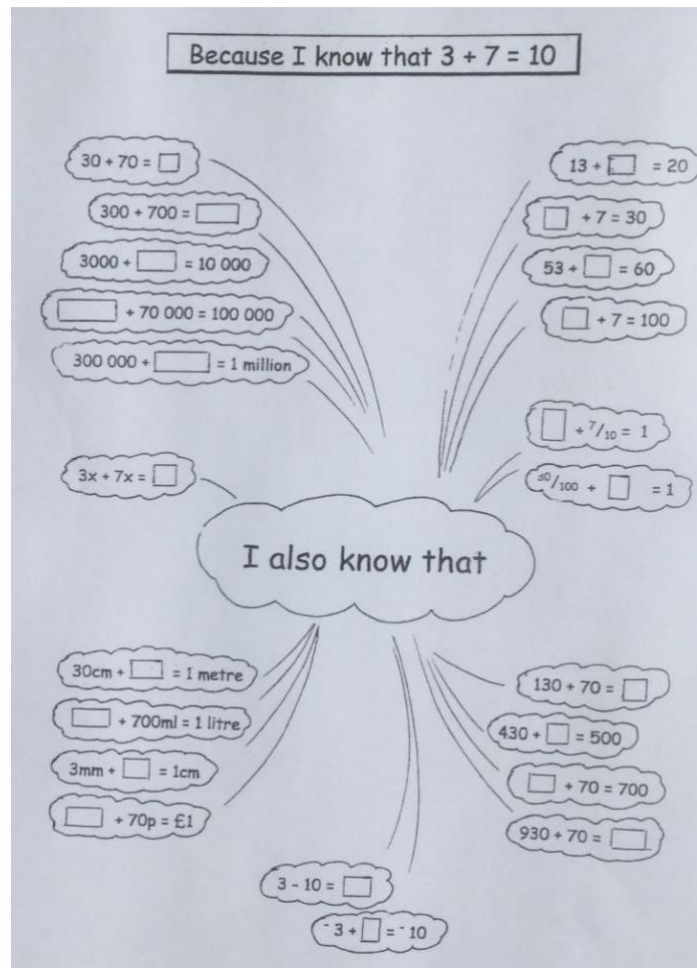
$$8+2=10$$

7+...



The Bonds of 10 help us work out and check calculations!

Choose a pair of numbers that add to make 10 and write some amazing number facts!



Because I know that

$$\underline{\quad} + \underline{\quad} = 10$$

I also know that...

Place Value : I can partition and combine numbers!

I can use what I know about place value to add, subtract and order numbers.

I can solve problems!



More dice challenges!

Find a dice or make a spinner.

Use the dice to make your own number sentences.

Add 2 or 3 or 4 numbers together.

Throw the dice to make 'tens', 'hundreds' or 'thousands' numbers.

Write the numbers on the grid.

- Order your numbers from smallest to largest.
- Add 1 to all your numbers.
- Add 10 to all your numbers.
- Subtract 1 from all your numbers.
- Subtract 10 from all your numbers.

Choose one of your numbers.

Try these challenges.

1. Change the order of the digits. How many numbers can you make?

2. Your number is the answer.

What could the question be?

Start at 100.

Throw the dice or spin the spinner to get a number.

Take the number away from 20 or 100. Repeat, but the second time take the number away from the previous answer.

$$100-6=94 \quad 94-3=91 \quad 91-5=86\dots$$



Eg. If I roll the dice and my number are...

26

61

15

23

46

- I can order my numbers – 15,23,26,46,61.
- $26+1=27$
- $26+10=36$
- $26-1=25$
- $26-10=16$

My number is 26.

Facts I know about 26. I know that...

- $10+10+6=26$
- 26 is an even number
- Half of 26 is 13
- If 26 apples were shared between 5 monkeys, they have 5 each but 1 apple is left over.

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