Secret Numbers

Objective: Use mathematical language such as 'more than', 'less than', 'most', 'least' and 'equal to'.

$$0123456789...$$

- Write the numbers 0 to 20 on a sheet of paper.
- Ask your child secretly to choose a number on the paper.
- Then ask questions to find out what the secret number is e.g.
  - Is it less than 10?
  - Is it between 10 and 20?
  - Does it have a 5 in it?
- They can only answer yes or no.
- Once you have guessed the number, it is your turn to choose a number. Your child asks the questions.
- For an easier game, use numbers up to 10. For a harder game, use only 5 questions, or use bigger numbers.
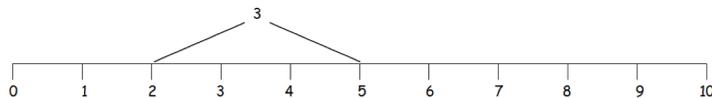
Dice Game

Objective: To add and subtract one and two-digit numbers, up to 20, including zero.

You need a 1-6 dice, paper and pencil.

- Take turns.
- Choose a number between 1 and 10 and write it down.
- Throw the dice and say the dice number.
- Work out the difference between the chosen and the dice number, e.g. if you wrote down a 2 and the dice shows 5, the difference is 3.

You could also draw a number line to help your child to see the difference between the two numbers.

Maths is fun!

Have fun with Maths at home!
An ideas booklet to help support your child
Year 1 – booklet 1 (of 3)

As children begin their compulsory schooling in Year 1, we will naturally work to build on the learning that takes place in the Reception year. There are plenty of opportunities for maths practice at home, from counting objects to simple games, such as dominoes and Snakes & Ladders. You can also begin to explore using money and clocks both in play at home and when out and about.
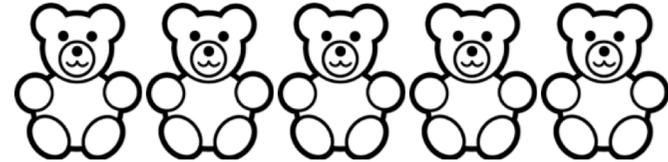
Main Number objectives – Year 1

By the end of Year 1, most children should be able to…

- Count to and across 100 forwards and backwards, from any given number.

- Count, read and write numbers up to 100 as digits.

- Count in multiples of 2s, 5s and 10s.

- Count, read and write numbers from 1 to 20 in numerals and words.

- Find 'one more' or 'one less' than a given number.

- Use mathematical language such as 'more than', 'less than', 'most', 'least' and 'equal to'.

- Use the +, -– and = symbols to write and understand simple number calculations.

- Add and subtract one and two-digit numbers, up to 20, including zero.

- Use number bonds and related subtraction facts within 20.

- Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems such as 7 = ? – 9.

- Solve one step problems involving multiplication and division by using concrete objects, pictorial representations and arrays.

- Recognise, find and name a half, as one of two equal parts of an object, shape or quantity.

- Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.

  .

Share Bears

Objective: To recognise, find and name a half, as one of two equal parts of an object, shape or quantity.

Yasmin and Zach have some bears to share. Which numbers of bears can they share equally so that there are none left over?

You can do this interactively here http://nrich.maths.org/2358

Number facts

Objective: To add and subtract one and two-digit numbers, up to 20, including zero.

You will need a 1 - 6 dice.

- Take turns. Roll the dice. See how quickly you can say the number to add to the number on the dice to make 10, e.g.

  and 4

- If you are right, you score a point.
- The first to get to 10 points wins.
- You can extend the activity by making the two numbers add up to 20 or 50