



Year 1: Autumn term 1

Topics studied this half term:

- Number and place value
- Addition and subtraction

Within number and place value, your children will be learning to:

- Sort, count and represent objects
- Count, read and write forwards and backwards from any number 0 to 10
- Count one more and less
- One to one correspondence to start to compare groups
- Compare groups using language such as equal, more/greater, less/fewer
- Recognise $<$, $>$ and $=$ symbols
- Compare numbers
- Order groups of objects
- Order numbers
- Use ordinal numbers (1st, 2nd, 3rd...)
- Use a number line

Within addition & subtraction, your children will be learning to:

- Use the part-whole model
- Recognise the addition symbol
- Fact families – addition facts
- Find and develop systematic methods for number bonds within 10
- Compare number bonds
- Add together and add more
- Find a part
- Take away by crossing out
- Take away using the subtraction symbol
- Subtract by finding a part and breaking apart
- Recognise fact families

Tips for good homework habits:

Plan a homework timetable and agree a time when your child will do their homework.

Number and place value

HERE'S THE MATHS

It is very important for your child to become as confident as possible with numbers to 20. This includes:

- counting forwards and backwards
- reading and writing (numerals such as 0, 1, 2 rather than words)
- knowing one more and one less
- ordering (first, second, third, etc.).

ACTIVITY

What to do

- Write the numbers 1 to 20, in order, across a piece of paper.
- Ask your child to secretly choose one of the numbers. Then ask your child some questions (the answer to which must be yes or no) to work out the secret number. For example:
 - Is it less/more than 10?
 - Is it between 10 and 20?
 - Does it have a 4 in it?
- When the number has been guessed correctly, swap roles.

You will need:

- pencil and paper
- 20 small, everyday objects (e.g. building bricks, toy cars)

Variations

- For an easier game, use numbers up to 10.
- For a harder game, use a 5-question limit and/or write the numbers 1 to 20 muddled up on the piece of paper.

QUESTIONS TO ASK

How did you decide what question to ask next?

How is that number written?

Put your objects in a line. Which object is in the first/second/third etc. position?

What number is one less/more than your number?

Show me that number of objects.

Addition and subtraction

HERE'S THE MATHS

In order to be able to add and subtract numbers confidently, your child needs to understand addition as counting on and subtraction as taking away. It is important that they practise these concepts using numbers up to 5 and record addition and subtraction facts using the symbols +, - and =. For example: $1 + 3 = 4$.

Start with 1 object and 3 objects. Count on from 1 by adding on 3 (one at a time): 'two, three, four'.

$$5 - 2 = 3.$$

Start with 5 objects and take 2 away, leaving 3 objects to be counted.

ACTIVITY

What to do

- For addition practice, give your child one group of objects (between 0 and 5) and ask how many objects there would need to be in a second group to make a total (choose a number between 1 and 5).
- For subtraction practice, give your child one group of objects (between 1 and 5) and ask how many objects they need to take away to leave a given number (choose a number between 0 and 5).
- For both activities, ask your child to write the number fact using numbers and symbols. They score 1 point for using the objects correctly and a bonus point for writing the number fact correctly.

You will need:

- pencil and paper
- 5 or more small, everyday objects (e.g. building bricks, toy cars)

QUESTIONS TO ASK

How did you know how many objects to add/take away?

What is the total?

How many are left?

How can you write that number fact using numbers and symbols?

How can you make the number 5 using two groups of objects? How many ways can you find?