



## YEAR 1 MATHS EXPECTATIONS

Before students leave Year 1 they should be able to...

### COUNTING & PLACE VALUE



- Count to and across 100, forwards and backwards from any given number
- Count, read and write numbers to 100 in numerals
- Count in multiples of twos, fives and tens
- Given a number, identify one more and one less

#### HOW TO HELP YOUR CHILD

- Sing counting songs and play board games
- Practice counting from any number, forwards and backwards
- Count objects and ask questions such as, how many if I have one more/less or ten more/less
- Point out numbers when you see them and help your child read them

### CALCULATING



#### Addition and Subtraction

- Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs
- Represent and use number bonds and related subtraction facts within 20
- Add and subtract one-digit and two-digit numbers to 20, including zero
- Solve problems with addition and subtraction

#### Multiplication and Division

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

#### HOW TO HELP YOUR CHILD

- Sing the doubles song (learn all the doubles to  $10 + 10$ )
- Count out toys – how many if there is one more/less?
- Help them learn the number bonds to ten and 100 ( $3 + 7 = 10$ , etc &  $20 + 80 = 100$ , etc)
- Ask them to share out the fruit – how many does each person get?

### MEASUREMENT



- Compare, describe and solve practical problems for lengths and heights, mass, capacity and volume

#### Money

- Recognise and know the value of different denominations of coins and notes

#### Time

- Sequence events in chronological order using language (for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening)
- Recognise and use language relating to dates, including days of the week, weeks, months and years
- Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times

### FRACTIONS



- 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

#### HOW TO HELP YOUR CHILD

- Cook with your child, get them involved in weighing out food and looking at weights and capacities on packaging and discuss symbols (g, kg, ml, l)
- Whenever you are using coins/notes, talk to your child about their value and discuss prices in shops and compare them
- Look at the clock with your child at different times of the day and talk about where the hands are pointing and what time it is
- Cut fruit exactly into halves/quarters and talk about whether the parts are equal
- Count out the number of objects or food and work out how many are left if half/quarter were taken?

### SHAPE, POSITION & DIRECTION



- Recognise common 2-D and 3-D shapes

#### Position and Direction

- Describe position, direction and movement, including whole, half, quarter and three-quarter turns

#### HOW TO HELP YOUR CHILD

- Discuss directions home, which way are you turning, how many turns (right, left, clockwise and anti-clockwise)
- Look out for shapes everywhere you go. What shapes can you see? Can you guess the shape being described?
- Play games with objects, get your child to describe its position