



Maths: Spring - Can I introduce myself to an alien?



Key learning opportunities

- Count forwards and backwards within 20 and then 50
- Identify 1 more and 1 less
- Compare using the language of greater, fewer equal and use the symbols $<$, $>$ and $=$
- Recognise the place value of 2-digit numbers
- Add and subtract within 20; including missing number problems
- Solve doubles
- Solve and create fact families
- Count in 10s and 1s
- Recall number bonds to 10 fluently and use these to 20.
- Measure in non-standard units e.g. blocks or hands and compare
- Measure using a ruler
- Measure and compare mass
- Measure and compare capacity

Key vocabulary

- ❖ Place value (tens, ones)
- ❖ Greater, fewer and equals
- ❖ Add (total, sum)
- ❖ Subtract (Minus, take away, difference)
- ❖ Double
- ❖ Fact family
- ❖ Partition
- ❖ Whole
- ❖ Part
- ❖ Number bonds
- ❖ Measure
- ❖ Mass
- ❖ Capacity

Key Objectives

Year 1:

- ✓ Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.
- ✓ Given a number, identify one more and one less
- ✓ Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least
- ✓ Recognise the place value of each digit in a two digit number (tens, ones)
- ✓ Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$
- ✓ Represent and use number bonds and related facts within 20
- ✓ Add and subtract one-digit and two-digit numbers to 20, including zero
- ✓ Solve one-step problems that involve addition and subtraction problems, using concrete objects and pictorial representations, and missing number problems such as $7 = __ - 9$
- ✓ Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs
- ✓ Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10
- ✓ Measure and begin to record: Lengths and heights (long/short, longer/shorter, tall/short, double/half)
- ✓ Measure and begin to record: Mass and capacity (full/ half full/ empty, greater/most/least)

Useful resources:

- ✓ White Rose Maths – 1 minute maths (free app)
- ✓ Topmarks – www.topmarks.co.uk – Online maths games