

## Knowledge: *I understand and know that/ I can explain*

- 100 is composed of ten 10s, one hundred 1s, two 50s, four 25s and five 20s
- There are 100cm in a meter and 10mm in one cm
- There are 1,000g in a kilogram and 1,000 ml in a litre
- Volume is the total amount of 3D space a shape occupies
- A right angle is a 'square corner'
- A rectangle is a 4-sided polygon with 4 right angles
- A square is a rectangle where the 4 sides are equal in length
- A quadrilateral is a 4 sided shape
- The multiplicative relationship between multiples of 2,4 and 8 is double
- Equal parts do not always look the same
- Non-unit fractions are composed of more than one unit fraction
- Parallel lines are always the same distance apart and will never meet
- Perpendicular lines are at right angles to each other
- There are 60 seconds in a minute
- There are 30 days in April, June, September and November
- There are 31 days in January, March, May, July, August, October and December
- There are 28 days in February (29 when it is a leap year)
- There are 365 days in a year and 366 in a leap year (every four years)

## Skills: *I can confidently*

- ✓ Use known number facts to find complements to 100
- ✓ Find ten more or ten less than a given number
- ✓ Measure length and height from zero using meters and cm
- ✓ Measure mass and volume from zero up to 1kg/ 1l using g and ml
- ✓ Convert between metres and centimetres, and millimetres and cm
- ✓ Identify the previous, next and nearest multiple of 100 on a number line
- ✓ Add and subtract multiples of 100 within 1,000
- ✓ Add a pair of 2- digit numbers using column addition with regrouping
- ✓ Subtract from a 3-digit number using column subtraction with exchanging (from tens to ones or hundreds to tens)
- ✓ Count in fours and eights and represent this as the 4 and 8 times tables
- ✓ Identify the number of equal parts in a fraction
- ✓ Compare and add fractions with the same denominator
- ✓ Identify parallel and perpendicular lines
- ✓ Read and write the time on an analogue clock

### **Key Vocabulary**

meter, centimetre, millimetre, length, height, mass, volume, grams, kilograms, millilitres, litres, right angle, corner, polygon, triangle, quadrilateral, square, rectangle, addend, sum, minuend, subtrahend, difference, equation, regroup, exchange, multiple, factor, product, equal parts, fraction, unit fraction, numerator, denominator, polygon, horizontal, vertical, parallel, perpendicular, analogue, o'clock, am, pm, morning, afternoon, noon, midnight, leap year