

YEAR 3

Number and place value

- Know the value of digits in HTO
- Solve number and practical problems involving HTO amounts
- Find 10 or 100 more or less than a given number

Addition and subtraction

- Mentally add or subtract ones, tens or hundreds to HTO with or without bridging over a multiple of ten boundary

Multiplication and division

Explain the exchange system

- Count on in 4s, 8s, 50s or 100s from zero
- Multiply 2-digit numbers by 2, 3, 4 or 8 using tables facts
- Use doubling and x10 to solve multiplication problems mentally
- Solve $TO \div 0$ using multiplication facts

Fractions

- Divide an object and set into ten equal parts using the stem sentence.... Is divided into..... equal parts and..... of the parts is.....
- Count up and down in tenths between 0 and 2
- Show equivalent fractions using diagrams

Measurement

- Add and subtract lengths, mass or capacities
- Find the total when using £ and p (up to £10.00)
- Measure length using millimetres (mm), centimetres (cm) and metres (m)
- Measure mass in grams (g) and kilograms (kg), and measure capacity in millilitres (ml) and litres (l).
- Find right angles in 2D shapes
- Know two right angles make a half turn, three make a three-quarter turn, and four a whole turn.

YEAR 4

Number and place value

- Know the column value and quantity value of digits in Th H T O
- Count in 25s and 1000s from zero
- Order and compare 4-digit numbers (using $<$ & $>$)
- Find 1000 more or less than a given number
- Count backwards through zero
- Round any number to the nearest 10, 100 and 1000

Addition and subtraction

- Add and subtract 4-digit numbers using compact addition (with two exchanges)
- Solve two-step problems involving addition or subtraction

Multiplication and division

- Partition numbers to help solve $TO \times O$ mentally
- Use short multiplication up to $HTO \times O$
- Solve $TO \div O$ using multiplication
- Multiply and divide 3-digit numbers by 10
- Select appropriate operations and methods to solve two-step problems involving multiplication or division

Fractions and decimals

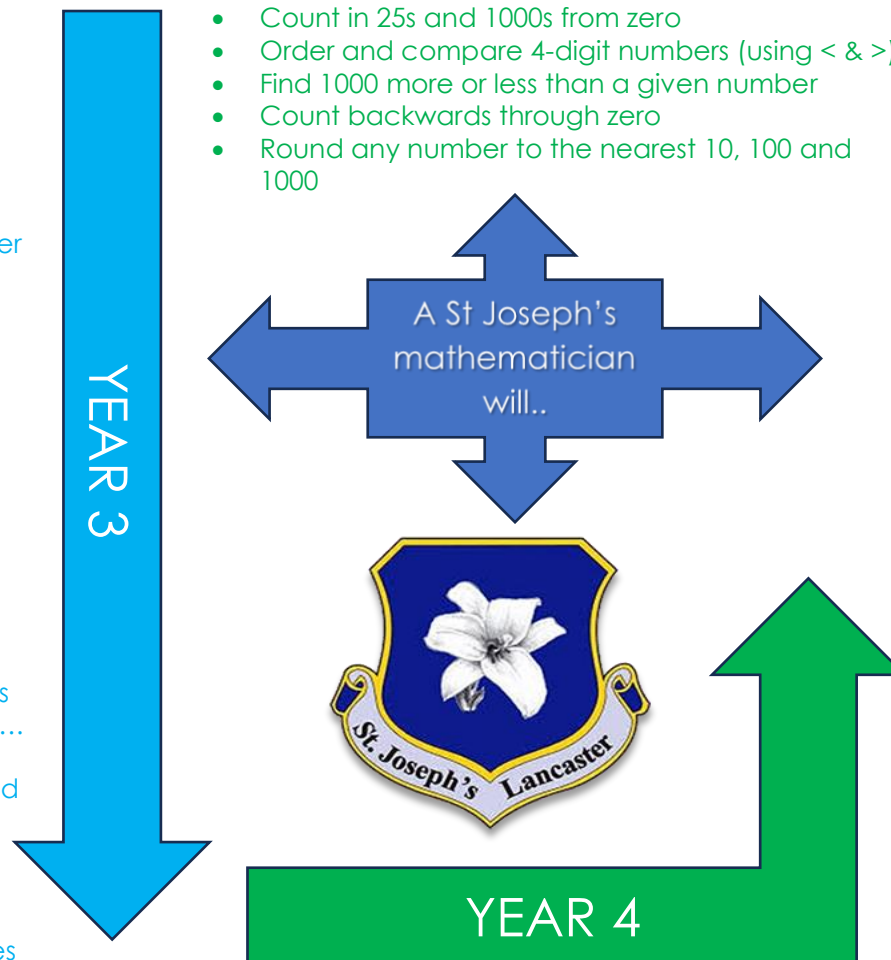
- Show families of common equivalent fractions using diagrams
- Add fractions with the same denominator beyond 1
- Write decimal equivalents for any number of tenths
- Count on and back in hundredths
- Find more non-unit fractions of sets of objects
- Find non-unit fractions of numbers where there are whole number answers)
- Round decimals with 1dp to the nearest whole number

Measurement

- Convert between centimetres & metres, millilitres & litres and grams & kilogram

Properties of shape

- Find the area of shapes made from rectangles, by counting squares
- Complete a simple shape from its line of symmetry
- Compare and classify polygons based on their properties



- Know if an angle is greater than (obtuse) or less than (acute) a right angle
- Tell and write the time from an analogue clock including those that use Roman numerals
- Tell and write the time using 24-hour notation

Statistics

- Solve two-stepped problems with scaled bar charts