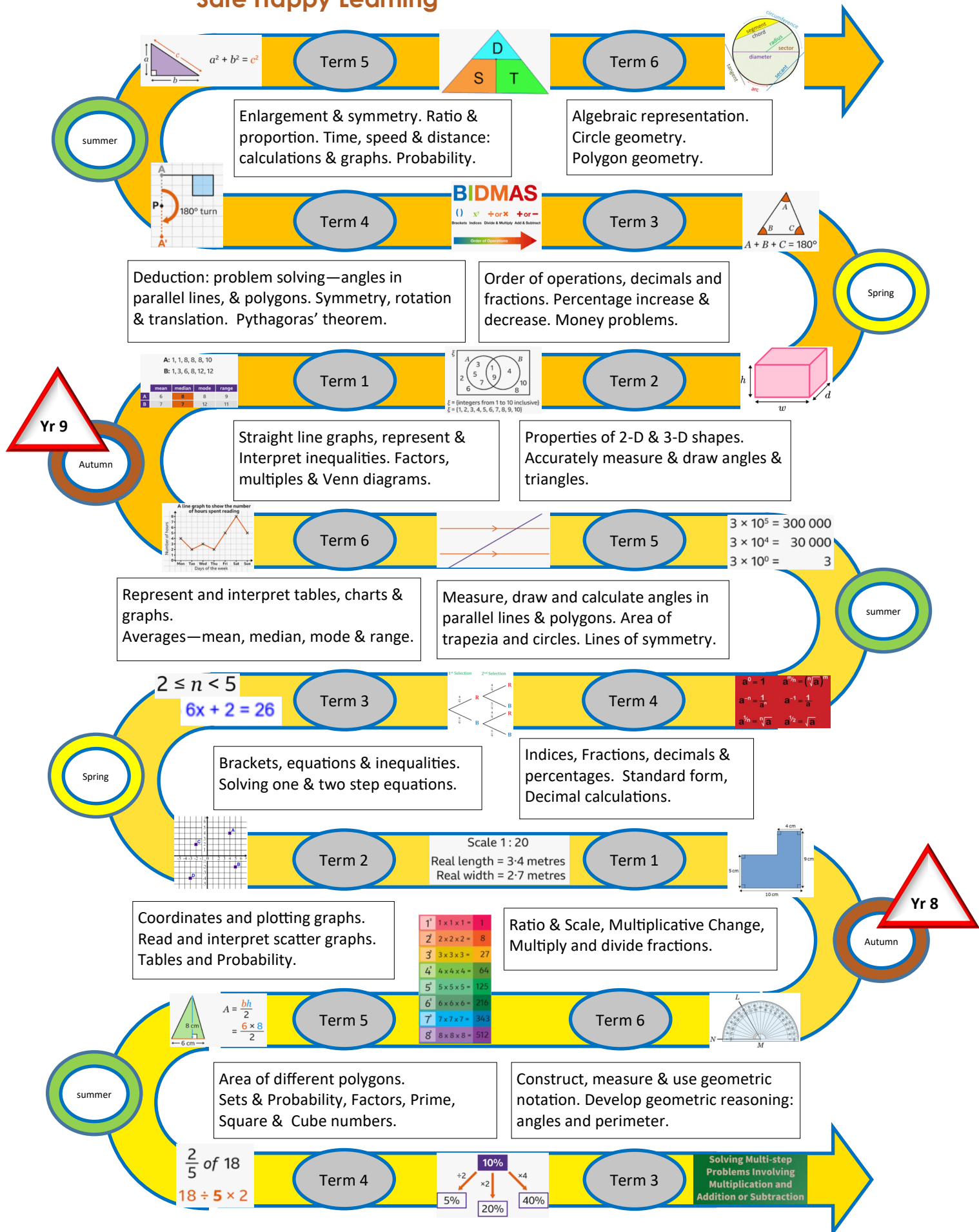
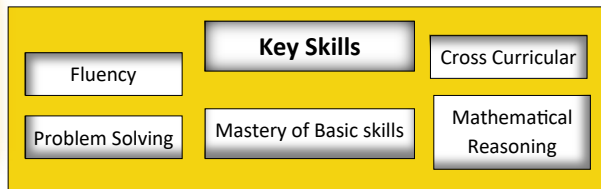


Learning Journey Maths

'Safe Happy Learning'



Fractions and percentages of amounts.
Addition and Subtraction of fractions.

Multi-step problem solving with addition,
subtraction, multiplication and division.

Yr 7

Autumn

Terms
 $5x - 3$
Coefficient Variable Constant

Term 1

$3(x + 7) = 3x + 21$

Term 2

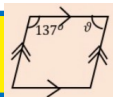
Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{1}{4}$	0.25	25%
$\frac{3}{4}$	0.75	75%

Number: Sequences,
Understand & use algebraic notation,
Equality & equivalence.

Number: Place value & ordering,
Fraction, decimal & percentage
equivalence.

Problem Solving
& Reasoning

Term 6



Term 5

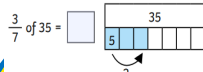
Favourite fruit



Themed projects, Consolidation
& Problem Solving.

Shape: Accurately measure, draw classify &
calculate angles in different polygons.
Geometry: Position & direction—read & plot.

summer



Term 3

$7 \rightarrow +7 \rightarrow \times 3 \rightarrow -4 \rightarrow 29$
 $\leftarrow -7 \leftarrow \div 3 \leftarrow +4 \leftarrow 29$
 $4 \rightarrow -7 \rightarrow \div 3 \rightarrow \times 3 \rightarrow +4 \rightarrow 29$

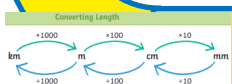
Term 4



Spring

Number: Ratio & scale factors. Algebra—
function machines and equations. Decimals
—Round, add, subtract, multiply and divide.

Number: Fractions, decimals & percentages.
Measurements: Area, perimeter & volume.
Statistics: Pie charts & percentages.



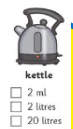
Term 2

Add, Subtract,
Multiply & Divide

Term 1

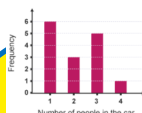
Number: Fractions—Compare, order, add,
subtract, multiply & divide. Fractions of
amounts. Measurement: Converting units.

Number: Compare & round any integer.
Add, subtract, multiply and divide.



Autumn

Yr 6

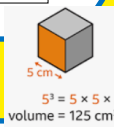


Term 5

Multiplying and Dividing
by 10, 100 and 1000

7	2	3
7	2	3
7	2	3
7	2	3

Term 6



summer

Geometry: Shape, Position & Direction.
Number: Add & subtract decimals.
Multiply & divide by 10, 100 & 1000.

Number: compare & order negative numbers.
Measurement: Convert between units of
measure. Estimate volume & capacity.



Term 4

$432 \div 5$ becomes
 $\begin{array}{r} 86 \text{ r}2 \\ 5 \overline{) 432} \\ \underline{40} \\ 32 \\ \underline{30} \\ 2 \end{array}$
Answer: 86 remainder 2

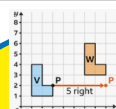
Term 3

$\frac{4}{9} + \frac{3}{18}$ $\frac{3}{4} - \frac{2}{3}$

Number: Equivalent fractions, decimals
& percentages. Measurement: Perimeter
& Area. Statistics: interpretation.

Number: Multiply up to 4-digits by 2-digits,
short division with remainders. Fractions of
amounts. Fractions as decimals

Spring

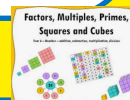


Term 1

Round 5,185,555 to the nearest:

Millions	Thousands	Hundreds	Tens	Units
5	1	8	5	5

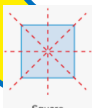
Term 2



Number: comparing, ordering & rounding,
up to 7-digits. Adding & subtracting up to 4-
digits. Inverse operations.

Number: Common multiples, factors,
prime, square & cube numbers. Fractions
—Equivalent, convert, add, subtract.

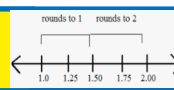
Autumn



Term 6



Term 5

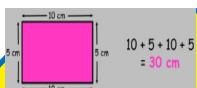


Geometry: Shape— angles & symmetry.
Statistics— charts & graphs. Geometry:
Position & Direction—translation on a grid.

Number: Comparing, ordering & rounding
decimals. Measurement: Money—Comparing &
calculating. Time— analogue & digital.

Measure: Time—convert between 12 & 24 hour clocks. Consolidation Work: Shape, Statistics & Geometry.

Number: Decimals—comparing, ordering, rounding to the nearest whole. Measure—Money, convert, calculate & estimate.



Term 3

$$\frac{4}{5} - \frac{3}{4} = ?$$

Term 4



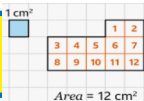
Spring

Number: Multiplication & Division—factor pairs, up to 3-digit numbers by 1-digit. Measure: length and perimeter.

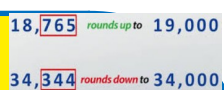
Number: Fractions—mixed numbers, improper and equivalent fractions, add & subtract. Decimals: tenths & hundredths.



Term 2



Term 1



Yr 4

Measure: Calculate & compare area. Number: Multiplication & Division—0 to 12 times tables.

Number: Place Value—order, compare & round numbers up to 10,000. Addition & Subtraction—up to 4-digits.

Autumn



Term 5



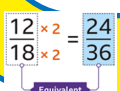
Term 6



summer

Number: Fractions—add & subtract. Measure: add, subtract & convert between pounds & pence.

Measure: Time—Analogue & digital clocks, years, months, days, hours, minutes. Geometry: polygons & angles. Statistics: pictograms & bar charts.



Term 4

Metric Conversions	
1kg = 1000g	1km = 1000m
1 tonne = 1000kg	1 litre = 1000ml
1cm = 10mm	1 litre = 1000cm³
1m = 100cm	1ml = 1cm³

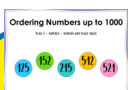
Term 3

Problem Solving & Reasoning

Number: Fractions—compare, order & find equivalent fractions. Measure: measure & compare mass (g, kg), volume & capacity.

Number: Multiplication & Division—reasoning. Measure: measure & convert. between mm, cm & m, calculate perimeter.

Spring



Term 1



Term 2



Yr 3

Autumn

Number: represent, compare, order & partition numbers to 1000. Addition & Subtraction—number bonds.

Number: Addition & Subtraction—up to 3-digit numbers. Multiplication & Division—sharing, grouping, times tables.



Term 6



Term 5



Statistics: Draw & interpret simple tally charts, tables and pictograms. Geometry: Position and Direction.

Number: Fractions—identify & compare simple unitary and non-unitary fractions. Measure: Time—reading analogue clocks.

summer



Term 3



Term 4



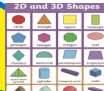
Spring

Measurement: Money—identify, compare & calculate amounts. Number: Multiplication & Division, arrays, groupings & times tables.

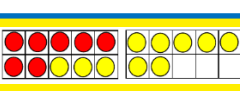
Measure, compare & order lengths & heights (cm, m), mass (g, kg), volume & capacity (ml, l).

Yr 2

Autumn



Term 2



Term 1



Number: Addition & subtraction—crossing tens & up to 2 digits. Geometry: 2D & 3D—recognise shapes & related properties.

Number: Place Value—read, write, compare, order & partition numbers to 100. Addition & Subtraction—number bonds to 20.