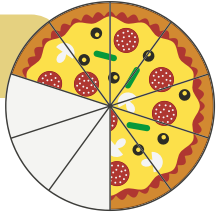


KS3 MATHS - Curriculum Path

Year
7

Autumn 1

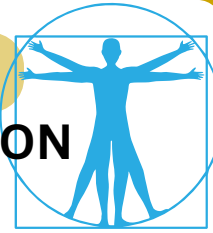
NUMBER



Whole numbers,
Rounding, decimals.
Factors. Fractions.
Percentages

Autumn 2

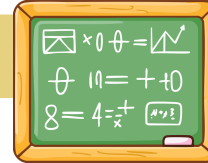
**RATIO &
PROPORTION**



Ratio, simplifying, scale
factors, proportion
problems. Unit
conversions

Spring 1

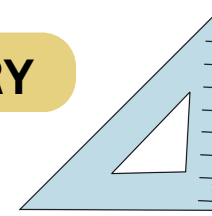
ALGEBRA



Expressions and
notation. Linear
equations. Sequences.
Coordinates

Spring 2

GEOMETRY



2D Shapes and angles.
Perimeter and area.
Symmetry and
transformations

Summer 1

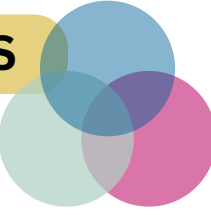
GEOMETRY



Telling the time.
Creating timetables.
Compass and maps

Summer 2

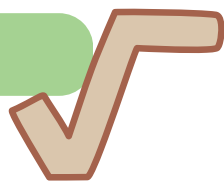
STATISTICS



Data collection.
Averages. Charts.
Probability. Venn
Diagrams

Year
8

NUMBER



Factors, multiples and
primes. Decimals.
Powers and roots.
Ordering fractions

**RATIO &
PROPORTION**



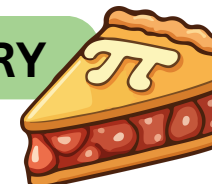
Compound measures.
Direct proportion.
Reverse percentages.
Ratio problems

ALGEBRA



Algebraic expressions.
Expanding brackets.
Factorising. Sequences.
Coordinates.

GEOMETRY



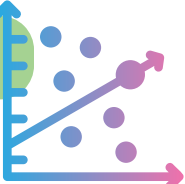
Polygons. Circles, Pi.
Perpendicular bisectors.
Reflection, rotation,
translation

GEOMETRY



Perimeter and area of
compound shapes.
Pythagoras. Bearing

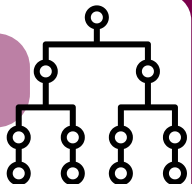
STATISTICS



Scatter graphs and
correlation. Combined
events. Interpreting
and drawing pie charts

Year
9

NUMBER



Standard form & index
laws. Rational and
irrational numbers. HCF
and LCM

**RATIO &
PROPORTION**



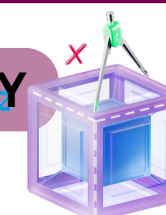
Graphs of direct
proportion. Scale
factors. Currency
conversion & recipe
problems

ALGEBRA



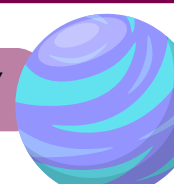
Quadratic sentences
and nth term.
Expanding and
factorising.

GEOMETRY



Advanced
constructions.
Trigonometry. 3D
Coordinate

GEOMETRY



Volume and area of
cylinders, cones,
spheres. Circle sector
and arc length

STATISTICS



Advanced averages.
Cumulative frequency.
Probability. Stem &
leaf diagrams