

- Character strengths
- Cross Curricular Links
- Statistics
- Geometry
- Number
- Algebra
- Ratio and Proportion
- Probability

Year 7 ← **Fluency, Reasoning and Problem Solving** → Year 8

Maths Learning Journey

Independent Practice

Summer Break

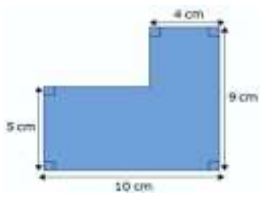
TERM 6

PERIMETER

AREA

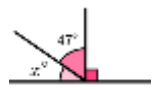


- Rectangles
- Triangles
- Compound Shapes



Angles Revision

- Angles on a Straight Line
- Angles in a Triangle
- Angles in a Quadrilateral



- Negative Numbers
- Calculations
- Fractions
- Expressions and Formulae

YEAR 8

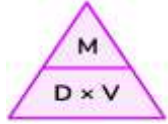
Measurements Ratio and Proportion

Percentages

- Convert Volume & Mass
- Convert Lengths

- Writing Ratio
- Equivalent Ratio
- Sharing in a Ratio
- Proportion and Recipes

- Express as a Percent of Another
- Percent of an Amount
- F/D/P Conversion



TERM 5

Averages and Range

Displaying Data



- Place Value
- Rounding Whole Numbers
- Rounding Decimals

- Mode, Median and Range
- Mean
- Using Averages and Range
- Investigation with Data

- Tally Charts & Frequency Tables
- Bar Charts
- Vertical Line Charts



Measure	to y	frequency
Mode	1	11
Mean	1	9
Median	1	11
Range	1	11
Total	1	11

- Multiply by 10, 100, 1000
- Multiply by 10, 100, 1000
- Add & Subtract Decimals
- Multiply & Divide Decimals

$12.8 + 4 + 0.24$

TERM 4

Fractions

Sequences



- Equivalent Fractions
- Add and Subtract Fractions
- Fraction of an Amount
- Dividing Fractions

- Generate Number Sequences
- Generate Picture Sequences
- Position to Term Rule

Question - Who is Leonardo Bonacci?



Reflect and Embed SOW

TERM 2

Calculations

Using Letter Symbols

- Multiples
- LCM
- Factors
- HCF
- Prime Numbers
- Powers and Roots

- Multiply and Divide Integers
- Solving Worded Problems
- BIDMAS



Substitute into	a = 2	Answer
5a	5×2	10
a - 5	$2 - 5$	-3
16 - a	$16 - 2$	14
7a + 3	$7 \times 2 + 3$	17

- Word Formulae
- Substitution
- Simplify Expressions
- Solving Equations



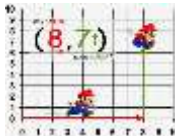
TERM 1

Coordinates & Transformation

Working with Shapes Probability



- Coordinates
- Translations
- Reflections
- Rotations



- Properties of 2D Shapes
- Lines of Symmetry
- Rotational Symmetry

- Probability Scale
- Calculating Simple Probability



CROSS-CURRICULAR LINKS



TRIPS

