



## Maths Curriculum

### Years EYFS to 11

#### Curriculum Intent:

At Seva, we believe that unlocking mathematical fluency is an essential life skill for all learners and that it is the prerequisite to be able to reason and solve mathematically. We design an ambitious and connected curriculum that is accessible and tailored. Through the mastery approach we develop knowledge, skills and understanding of mathematical concepts, which build progressively and repeat. This embeds learning over time and provides opportunities to excel.

Year	Curriculum Journey
EYFS	Numbers and Place Value, Addition and Subtraction, Time, Shape and Space, Exploring Patterns, Measure,
1	Place Value, Addition and Subtraction, Shape, Weight and Volume, Fractions, Position and Direction, Money and Time.
2	Place Value, Addition and Subtraction, Money, Multiplication and Division, Statistics, Shape, Fractions, Length and Height, Weight and Volume, Position and Direction, Time and Mass, Capacity and Temperature.
3	Place Value, Addition and Subtraction, Multiplication and Division, Money, Statistics, Length and Perimeter, Fractions, Time, Shape and Mass and Capacity.
4	Place Value, Addition and Subtraction, Length and Perimeter, Multiplication and Division, Area, Fractions, Decimals, Money, Time, Statistics and Properties of Shape.
5	Place Value, Addition and Subtraction, Statistics, Multiplication and Division, Perimeter and Area, Fractions, Decimals, Properties of Shape, Direction and Position and Converting Units.
6	Place Value, The Four Rules, Fractions, Geometry, Decimals, Percentages, Algebra, Converting Units, Perimeter, Area and Volume, Ratio, Problem Solving, Statistics and Investigations.

7	Unit 1 – Analysing and displaying data Unit 2 – Number skills Unit 3 – Expressions, functions and formulae Unit 4 – Decimals and measure Unit 5 – Fractions Unit 6 – Probability Unit 7 – Ratio and proportion Unit 8 – Lines and angles Unit 9 – Sequences and graphs Unit 10 - Transformations	
8	Unit 1 – Number Unit 2 – Area and volume Unit 3 – Statistics, graphs and charts Unit 4 – Expressions and equations Unit 5 – Real life graphs Unit 6 – Decimals and ratio Unit 7 – Lines and graphs Unit 8 – Calculating with fractions Unit 9 – Straight line graphs Unit 10 – Percentages, decimals and fractions	
9	Unit 1 – Indices and Standard Form Unit 2 – Expressions and Formulae Unit 3 – Dealing with Data Unit 4 – Multiplicative Reasoning Unit 5 – Constructions Unit 6 – Sequences, inequalities, Equations and Proportions Unit 7 – Circles, Pythagoras and Prisms Unit 8 – Graphs Unit 9 – Probability Unit 10 – Comparing Shapes	
10	Foundation Angles Averages and range Perimeter, area and volume 1 Graphs Transformations Ratio and proportion Right-angled triangles Probability Multiplicative reasoning	Higher Area and volume Transformation and constructions Equations and inequalities Probability Multiplicative reasoning Similarly and congruence More trigonometry Further statistics Equations and graphs
11	Foundation Constructions, loci and bearings Quadratic equations and graphs Perimeter, area and volume 2 Fractions, indices and standard form Congruence, similarity and vectors More algebra	Higher Circle theorems More algebra Vectors and geometric proof Proportion and graphs

