

Stage 6

Unit 1 – Numbers and the number system

Lesson 1 – Understand place value and column headings including decimals

Lesson 2 – Multiply and divide by powers of ten

Lesson 3 – Read and write large numbers

Lesson 4 – Negative numbers and temperature

Lesson 5 – Common factors

Lesson 6 – Common multiples

Lesson 7 – Prime numbers

Unit 2 – Calculating and Money problems

Lesson 1 – Addition of two and three digit numbers

Lesson 2 – Multiplication recap and 2 digit by 1 digit

Lesson 3 – Harder multiplication including decimals

Lesson 4 – Multi-step questions and money PS

Lesson 5 – Simple BIDMAS

Lesson 1 – Division recap, bus stop

Lesson 2 – Division by two digits

Lesson 3 – Division with remainders with fractions

Lesson 4 – Division with remainders with decimals

Lesson 5 - Multi-step questions and PS

Unit 3 – Fractions, Decimals and Percentages

Lesson 1 – Equivalent fractions

Lesson 2 – Simplifying fractions

Lesson 3 – Compare and order fractions

Lesson 4 - Use division to find/prove decimal equivalence of common fractions (delete?)

Lesson 5 – Percentages of the above? (delete?)

Lesson 6 - Use equivalence to order fractions, decimals and percentages

Unit 4 – Fractions, Decimals and Percentages

Lesson 1 – Multiplying fractions

Lesson 2 – Divide fractions by an integer

Lesson 3 – Adding fractions, two different denominators

Lesson 4 – Mixed numbers and improper fractions

Lesson 5 – Adding and subtracting mixed numbers

Unit 5 – Solving equations

Lesson 1 – Worded equations

Lesson 2 – Worded equations with two unknowns

Lesson 3 – Algebraic notation

Lesson 4 – Solve algebraic equations (1 step)

Lesson 5 – Express equations

Unit 6 – Fractions and Percentages of Amounts

Lesson 1 – Fractions of amounts

Lesson 2 – Finding percentages of amounts (10% and 5%)

Lesson 3 – Finding percentages of amounts (any)

Unit 7 – Sequences

Lesson 1 – Linear sequences – recognise, describe, continue and find missing terms

Lesson 2 – Generating Sequences

AP1

Unit 8 – Perimeter, Area and Volume

Lesson 1- Perimeter and Areas on squared paper

Lesson 2- Area of rectangles and parallelograms

Lesson 3 – Area of a triangle

Lesson 4 – PS Area

Lesson 5 – Volume of cubes and cuboids

Lesson 6 – PS Volume

Unit 9 – Proportion

Lesson 1 - Recipe questions

Lesson 2 – Best buy problems using multiplication

Lesson 3 – Understand and use scale factors

Lesson 4 – Identify scale factors and describe enlargements

Lesson 5 – fraction and multiple PS

Unit 10 – Algebraic formulae

Lesson 1 – Using one-step written formulae

Lesson 2 – Using 2-step written formulae

Lesson 3 - Formulae PS

Lesson 4 – Derive worded formulae

Unit 11 – Angles

Lesson 1 – angles on a straight line and round a point

Lesson 2 – Vertically opposite angles and PS

Lesson 3 – Special triangles and quadrilaterals

Lesson 4 – Angles in triangles

Lesson 5 – Angles in Quadrilaterals

Lesson 6 – Angles PS (multi step)

Lesson 7 - Sum of angles in polygons using triangles

Unit 12 – 2D and 3D shapes

Lesson 1 – Using a protractor to draw angles including reflex

Lesson 2 – Using a ruler accurately and simple constructions

Lesson 3 – Tessellations

Lesson 4 – Naming 3D shapes and prisms

Lesson 5 – Constructing shapes from nets and testing nets

Lesson 6 – Nets of a cube PS (delete ?)

AP2

Unit 13 – Pie charts and line graphs

Lesson 1 –Interpreting and finding frequencies from pie charts

Lesson 2 – Finding angles

Lesson 3 – Constructing pie charts

Unit 14 – Rounding and Estimating

Lesson 1 – Rounding to whole numbers, 10, 100, 1000.....1000000

Lesson 2 – Estimating Multiplication

Lesson 3 – Estimating division

Unit 15 – Averages – mean

Lesson 1 – what does average mean?(delete?)

Lesson 2 – Calculate mean

Lesson 3 – Missing value mean problems

Unit 16 – Coordinates, translations and reflections

Lesson 1 – Coordinates in 4 quadrants

Lesson 2 – Coordinate grids and plotting polygons PS

Lesson 3 – Translate shapes (worded)

Lesson 4 – Reflections

Unit 17 – Metric Units

Lesson 1 – Metric and Imperial measures

Lesson 2 – Units of length conversions

Lesson 3 – Other metric conversions

AP3