Contents

BLOCK A Understanding numbers

Page	Unit	Lessons
4	1 Integers and decimals	1 Integers2 Rounding and approximation3 Large numbers4 Decimal numbers5 Adding and subtracting decimals
14	2 Number properties	1 Rules of divisibility2 Multiples3 Factors4 Squares, roots and powers5 Calculating square roots
24	3 Fractions	 1 Equivalent fractions 2 Comparing and ordering fractions 3 Adding and subtracting fractions 4 Improper fractions and mixed numbers 5 Fractions and percentages
34	4 Assess and review	Revision and assessment of previous 3 units

BLOCK B Numerical operations

Page	Unit	Lessons
40	5 Mixed operations	 1 Addition and subtraction of whole numbers 2 Addition and subtraction problems 3 Order of operations: + , -, × and ÷ 4 Brackets 5 BODMAS
50	6 Multiplication	 1 Multiplying by a two-digit number 2 Multiplying by a three-digit number 3 Multiplying decimals 4 Multiplying decimals by decimals 5 Multiplying fractions
60	7 Division	 1 Dividing by a single-digit number 2 Dividing by a two-digit number 3 Dividing decimals 4 Remainders as decimals 5 Dividing fractions
70	8 Assess and review	Revision and assessment of previous 3 units

BLOCK C Geometry

Page	Unit	Lessons
76	9 Lines and angles	 1 Lines, segments and rays: revision 2 Constructing perpendicular and parallel lines 3 Angles 4 Measuring and drawing angles 5 Constructing triangles
86	10 Polygons and polyhedra	1 Polygons2 Congruence and tessellations3 Enlarging shapes4 Polyhedra5 Nets and solids
96	11 Geometry problems	1 Parts of a circle2 The circumference3 Constructing shapes4 Rotational symmetry5 Movement geometry
106	12 Assess and review	Revision and assessment of previous 3 units