

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<p><u>1 Whole numbers and decimals</u></p> <p>Powers of 10</p> <p>Rounding</p> <p>Factors, multiples and primes</p> <p>Estimating and approximating</p>	<p><u>4 Fractions, decimals and percentages</u></p> <p>Adding and subtracting fractions</p> <p>Multiplying fractions</p> <p>Dividing fractions</p> <p>Decimals and fractions</p> <p>Percentage change</p> <p>Percentage problems</p>	<p><u>7 Decimal calculations</u></p> <p>Adding and subtracting decimals</p> <p>Multiplying decimals</p> <p>Dividing decimals</p> <p>Using a calculator</p> <p>Interpreting the calculator display</p>	<p><u>10 Equations</u></p> <p>Solving equations</p> <p>Equations with brackets</p> <p>Unknown on both sides</p> <p>Constructing equations</p> <p>Trial and improvement</p>	<p><u>13 Sequences</u></p> <p>Sequences and terms</p> <p>Position to term rules</p> <p>General term</p> <p>Real life sequences</p> <p>Recursive sequences</p>	<p><u>16 Probability</u></p> <p>Prediction and uncertainty</p> <p>Mutually exclusive events</p> <p>Calculating probabilities</p> <p>Outcomes of two trials</p> <p>Experimental probability</p> <p>Venn diagrams</p>
<p><u>2 Measures, perimeter and area</u></p> <p>Measures 1</p> <p>Measures 2</p> <p>Area of a 2D shape</p> <p>Circumference of circles</p> <p>Area of a circle</p> <p>Compound measures</p>	<p><u>5 Angles</u></p> <p>Angle properties of a triangle</p> <p>Angle properties of a quadrilateral</p> <p>Angle properties of a polygon 1</p> <p>Angle properties of a polygon 2</p> <p>Congruent shape</p>	<p><u>8 Statistics</u></p> <p>Planning a project</p> <p>Data collection</p> <p>Frequency tables</p> <p>Statistical diagrams 1</p> <p>Statistical diagrams 2</p> <p>Calculating averages</p> <p>Interpreting graphs</p> <p>Correlation</p> <p>Averages from grouped data</p> <p>Comparing distributions</p>	<p><u>11 Powers and roots</u></p> <p>Square roots and cube roots</p> <p>Indices</p> <p>Indices and surds</p> <p>Standard form</p>	<p><u>14 3D shapes</u></p> <p>3D shapes</p> <p>Plans and elevations</p> <p>Symmetry of 3D shapes</p> <p>Surface area of a prism</p> <p>Volume of a prism</p>	<p><u>17 Everyday maths</u></p> <p>Afrilinks project</p> <p>Building the schoolhouse</p> <p>Laying the path</p> <p>Basketball court</p> <p>School garden</p>
<p><u>3 Expressions and formulae</u></p> <p>Factors in algebra</p> <p>Algebraic fractions</p> <p>Formulae in context</p> <p>Rearranging formulae</p> <p>Deriving and graphing formulae</p>	<p><u>6 Graphs</u></p> <p>Table of values</p> <p>Drawing straight line graphs</p> <p>Gradient of a straight line graph</p> <p>Y-intercept of a straight line graph</p> <p>$y = mx + c$</p> <p>Equations given implicitly</p> <p>Real-life graphs</p> <p>Distance-time graphs</p> <p>Time series</p>	<p><u>9 Transformations and symmetry</u></p> <p>Transformations</p> <p>Enlargements</p> <p>Combinations of transformations</p> <p>Maps and scale drawings</p> <p>Bearings</p>	<p><u>12 Constructions and Pythagoras</u></p> <p>Constructing a triangle 1</p> <p>Constructing a triangle 2</p> <p>Loci and constructions</p> <p>Pythagoras Theorem 1</p> <p>Pythagoras Theorem 2</p>	<p><u>15 Ratio and proportion</u></p> <p>Direct proportion</p> <p>Comparing proportion</p> <p>Ratio</p> <p>Uses of ratio</p> <p>Ratio and proportion problems</p>	<p><u>Recap</u></p>