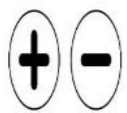


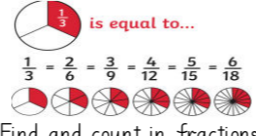

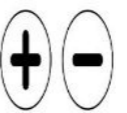



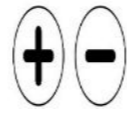
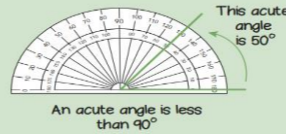

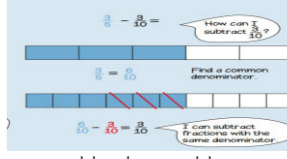
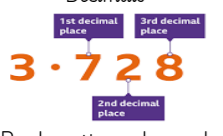
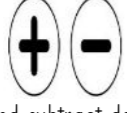
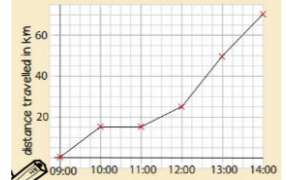


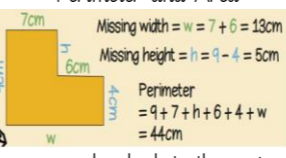
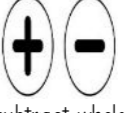
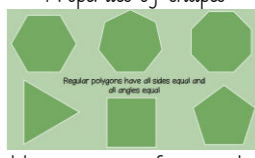

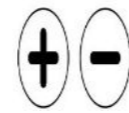

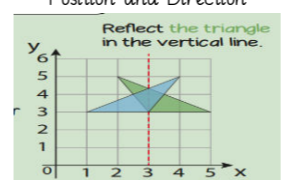

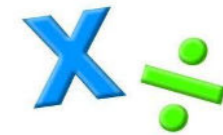
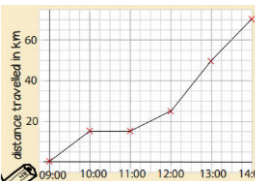


Unit 1			Unit 2			Unit 3		
<p>Number Number and Place Value</p> <p>202,555 218,483 848,074 938,943</p> <p>Read, write, order and compare numbers to 100,000 Round numbers to the nearest 10,100 and 1000</p>	<p>Number Addition and Subtraction</p>  <p>Add and subtract numbers mentally Solve multi-step problems</p>	<p>Geometry Properties of shapes</p>  <p>Cuboid Cube Identify 3-D shapes, including cubes and other cuboids, from 2-D representations</p>	<p>Number Multiplication and Division</p>  <p>Multiply and divide numbers mentally drawing upon known facts Multiply and divide whole numbers by 10, 100 and 1000</p>	<p>Number Fractions</p> <p>$\frac{1}{3}$ is equal to...</p> <p>$\frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12} = \frac{5}{15} = \frac{6}{18}$</p>  <p>Find and count in fractions, identify, name and write equivalent fractions</p>	<p>Geometry Position and Direction</p>  <p>Identify, describe and represent the position of a shape following a translation, using the appropriate language, and know that the shape has not changed</p>	<p>Number Addition and Subtraction</p>  <p>Use mental and written methods to add whole numbers with five-digits</p>	<p>Number Decimals</p> <p>0.5 0.72 0.638 ↓ ↑ ↓ ↑ ↓ ↑ 5 72 638 10 100 1000</p> <p>Read and write decimals as fractions, round decimals with two decimal places to one dp or whole number</p>	<p>Measurement Mass</p> <p>1kg = 1000 g 1360 ÷ 1000 = 1.36 so 1360g = 1.36kg</p> <p>Convert between different units of measure and use equivalencies Use all four operations to solve problems</p>
Unit 4			Unit 5			Unit 6		
<p>Number Multiplication and Division</p>  <p>Recognise and use square numbers and cube numbers Use formal written method to calculate ThHTO X O</p>	<p>Number Multiplication and Division</p>  <p>Know and use vocabulary of prime numbers, prime factors and composite numbers Divide numbers mentally / by 10, 100 and 1000</p>	<p>Measurement Time</p>  <p>Solve problems involving converting units of time Use all four operations in problems</p>	<p>Number Number and Place Value</p> <p>12 → 10 114 → 110 58 → 60</p> <p>Read, write, order and compare numbers up to 1,000,000 Count and round in steps of / to the nearest 10, 100 and 1000</p>	<p>Number Addition and Subtraction</p>  <p>Use mental methods and formal written method to subtract numbers with five and six-digits.</p>	<p>Geometry Properties of shapes</p>  <p>Know angles and degrees Use a protractor to draw and measure angles</p>	<p>Number Multiplication and Division</p>  <p>Use the formal written method of short division to calculate HTO ÷ O (fraction / decimal remainders)</p>	<p>Number Fractions</p>  <p>Use thousandths Compare, order, add and subtract fractions</p>	<p>Measurement Length</p> <p>1m = 100 cm 136 × 100 = 1360 so 13.6m = 1360cm</p> <p>1cm = 10 mm 13.6 × 10 = 136 so 13.6cm = 136mm</p> <p>Convert between different units Use approx. equivalencies Use all four operations to solve problems</p>
Unit 7			Unit 8			Unit 9		
<p>Number Decimals</p>  <p>Read, write, order and compare numbers up to three decimal places</p>	<p>Number Addition and Subtraction</p>  <p>Add and subtract decimals</p>	<p>Statistics</p>  <p>Solve problems using line graph read and interpret information in tables, including timetables</p>	<p>Number Multiplication and Division</p>  <p>Use partitioning, grid method and expanded written method to calculate TO X TO</p>	<p>Number Percentages including fractions and decimals</p>  <p>Recognise the percent symbol Know percentage equivalencies</p>	<p>Measurement Perimeter and Area</p>  <p>Measure and calculate the perimeter and area using the rule</p>	<p>Number Number and Place Value</p> <p>12 → 10 114 → 110 58 → 60</p> <p>Read, write, order and compare numbers to 1,000,000 Round to the nearest 10,000 and 100,00 Read Roman numerals to 1000</p>	<p>Number Addition and Subtraction</p>  <p>Add and subtract whole numbers with five- and six-digit numbers using the formal written method</p>	<p>Geometry Properties of shapes</p>  <p>Use properties of rectangles Use the term diagonal and make conjectures Distinguish between regular and irregular polygons</p>
Unit 10			Unit 11			Unit 12		
<p>Number Multiplication and Division Including money</p>  <p>Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.</p>	<p>Number Fractions</p> <p>$\frac{7}{3} = 2\frac{1}{3}$</p> <p>Improper Fraction Mixed Fraction</p> <p>Recognise and convert mixed numbers and improper fractions Multiply proper fractions / mixed numbers by whole numbers</p>	<p>Measurement Volume and Capacity</p> <p>1l = 1000 ml 13600 ÷ 1000 = 13.6 so 13,600ml = 13.6litres</p> <p>Convert between different units Know and use equivalencies Estimate volume and solve problems</p>	<p>Number Addition and Subtraction including money</p>  <p>Add and subtract up to 6-digit numbers using mental and formal written methods</p>	<p>Number Percentages including fractions and decimals</p>  <p>Percentage and decimal equivalents of fraction Find percentages</p>	<p>Geometry Position and Direction</p>  <p>Identify, describe and represent the position of a shape following a reflection, using the appropriate language, and know that the shape has not changed</p>	<p>Number Multiplication and Division including money</p>  <p>Use partitioning, grid method and written methods to calculate HTO X TO</p>	<p>Number Multiplication and Division including money</p>  <p>Formal written method to calculate ThHTO ÷ O with decimal/fraction/rounding remainders</p>	<p>Statistics</p>  <p>Solve problems using line graph read and interpret information in tables, including timetables and decide which representations are most appropriate</p>