

Term	Topic(s)	Assessed work	Additional details
1 a 7 weeks 28_lessons	Percentages <ul style="list-style-type: none"> <li>• simple interest and use of a multiplier</li> <li>• reverse percentage and compound interest</li> </ul> Fractions <ul style="list-style-type: none"> <li>• using the four operations with fractions or mixed numbers</li> <li>• manipulate algebraic fractions</li> </ul> Decimals numbers <ul style="list-style-type: none"> <li>• Using standard form</li> <li>• Upper and lower bound</li> </ul> Equations and formulae <ul style="list-style-type: none"> <li>• Factorise algebraic expressions</li> <li>• Solve equations</li> </ul> Algebra <ul style="list-style-type: none"> <li>• Expanding two brackets, factorise quadratics and difference between two squares</li> </ul> Solving equations graphically (linear and quadratic)	Collins connect end of chapter test Diagnostic Quizzes Classwork Homework (Mymaths)  Half term test	
1b 7 weeks 28_lessons	Using data <ul style="list-style-type: none"> <li>• Estimate the mean from a grouped of data</li> <li>• Construct and read a cumulative frequency graph</li> </ul> Polygons <ul style="list-style-type: none"> <li>• Interior and exterior angles</li> <li>• Tessellation</li> </ul> Pythagoras theorem <ul style="list-style-type: none"> <li>• Calculate the lengths of sides in a right-angle triangle</li> </ul> Volume and surface area of cylinder Trigonometric ratios <ul style="list-style-type: none"> <li>• Use trigonometry to find angles from two sides in a right-angled triangle</li> </ul>	Collins connect end of chapter test Diagnostic Quizzes Classwork Homework (Mymaths)  Half term test	
2a 7 weeks 28_lessons	Basic number <ul style="list-style-type: none"> <li>• Multiples, factors, prime factors</li> <li>• HCF &amp; LCM</li> </ul> Ratio and proportion <ul style="list-style-type: none"> <li>• Direct proportion and best buy</li> </ul> Number and sequences <ul style="list-style-type: none"> <li>• Recognise patterns in number sequences.</li> <li>• Find the <math>n</math>th term of a linear sequence</li> </ul>	Collins connect end of chapter test Diagnostic Quizzes Classwork Homework (Mymaths)  Half term test	
2b 5 weeks 20_lessons	Transformations, constructions and loci <ul style="list-style-type: none"> <li>• Translate, reflect, rotate and enlarge a 2D shape.</li> <li>• Congruent triangles</li> </ul> Algebraic manipulation <ul style="list-style-type: none"> <li>• Factorise an algebraic expression.</li> <li>• Expand two binomials to obtain a quadratic expression</li> </ul> Length, area and volume <ul style="list-style-type: none"> <li>• Calculate the circumference and area of a circle.</li> <li>• Area of a parallelogram, trapezium, sector.</li> <li>• Find the length of an arc.</li> <li>• Calculate the volume and surface area</li> </ul>	Collins connect end of chapter test Diagnostic Quizzes Classwork Homework (Mymaths)  Half term test	
3a 5 weeks 16_lessons	Revision Linear graphs <ul style="list-style-type: none"> <li>• Find the gradient of a straight line.</li> <li>• Find the equation of a line, using its gradient and intercept.</li> </ul> Trigonometry Angles <ul style="list-style-type: none"> <li>• Knowing the sum of the angles on a straight line, around a point, in a triangle and in a quadrilateral.</li> </ul>	Collins connect end of chapter test Diagnostic Quizzes Classwork Homework (Mymaths)  Half term test	
3b 7 weeks 28-lessons	Revision Angles (continue) <ul style="list-style-type: none"> <li>• Knowing the sum of the angles on a straight line, around a point, in a triangle and in a quadrilateral.</li> </ul> Similarity <ul style="list-style-type: none"> <li>• Similar shapes</li> <li>• Area and volume of similar shapes</li> </ul>	13 <sup>th</sup> June -Exam Week	