

Subject: Maths

Year group: 7

Summer Term:

Topics Covered	Keywords	Useful Resources	Assessment opportunities	Revision ideas
Proportion	Decimal Fraction Percentage Proportion Direct Proportion Unitary Method	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 7 Targeted Workbook (with answers)	Assessment for this topic will take place between the 13 th and the 24 th of May	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
Constructions	Compass Congruent Construct Hypotenuse Protractor Ruler Triangle Congruent Corresponding angles Corresponding sides	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 7 Targeted Workbook (with answers)	Assessment for this topic will take place between the 13 th and the 24 th of May	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
Ratio	Equivalent Ratio Simplify Divide Share Fraction Proportion	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 7 Targeted Workbook (with answers)	Assessment for this topic will take place between the 13 th and the 24 th of May	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

Averages and Range	Average Compare Mean Median Modal Mode Range Spread Variation Class intervals Group frequency table Modal class	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 7 Targeted Workbook (with answers)	Assessment for this topic will take place between the 8 th and the 19 th of July	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
3D Shapes	Edge Face Prism Pyramid Tetrahedron 3D Vertex Dimension Net Solid Wedge	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 7 Targeted Workbook (with answers)	Assessment for this topic will take place between the 8 th and the 19 th of July	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
Statistics	Average Frequency table Mean Median Modal value Mode Range Representative value Frequency diagram Comparative bar chart Stacked bar chart Angle Category Pie Chart Protractor Data Data-handling-cycle	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 7 Targeted Workbook (with answers)	Assessment for this topic will take place between the 8 th and the 19 th of July	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

	Experiment Primary and Secondary Survey			
Decimal Calculations	Compensation Consecutive Decimal Factor Grid method Multiple Multiplication Partition Product Chunking Division Divisor Dividend Estimate Quotient Remainder Repeated subtraction Calculator display Interpret Scientific calculator Square Square root	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 7 Targeted Workbook (with answers)	Assessment for this topic will take place between the 8 th and the 19 th of July	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

Surface Area and Volume	Area Cylinder Face Prism Surface area	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 7 Targeted Workbook (with answers)	Assessment for this topic will take place between the 8 th and the 19 th of July	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
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Subject: Maths

Year group: 8

Summer Term:

Topics Covered	Keywords	Useful Resources	Assessment opportunities	Revision ideas
3D Shapes	Cross section Edge Face Prism Pyramid Tetrahedron 3D Vertex Dimension Net Solid Wedge	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 8 Targeted Workbook (with answers)	Assessment for this topic will take place between the 13 th and the 24 th of May	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
Proportion	Convert Denominator Express Multiplier Decimal Fraction Percentage Proportion Direct Proportion Unitary Method Ratio Variable	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 8 Targeted Workbook (with answers)	Assessment for this topic will take place between the 13 th and the 24 th of May	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
Volume	Area Cylinder Face Prism Surface area Cross section Volume Units	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 8 Targeted Workbook (with answers)	Assessment for this topic will take place between the 13 th and the 24 th of May	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

Ratio	Equivalent Ratio Simplify Divide Share Fraction Proportion Convert Express Multiplier Percentage	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 8 Targeted Workbook (with answers)	Assessment for this topic will take place between the 13 th and the 24 th of May	<ul style="list-style-type: none"> Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
Constructions and Loci	Compass Congruent Construct Hypotenuse Protractor Ruler Triangle Angle bisector Equidistant Locus Path Perpendicular bisector	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 8 Targeted Workbook (with answers)	Assessment for this topic will take place between the 8 th and the 19 th of July	<ul style="list-style-type: none"> Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
Sequences	N th term Position-to-term rule Indices Geometric sequence Long-term behaviour Recursive Convergent Divergent Oscillatory	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 8 Targeted Workbook (with answers)	Assessment for this topic will take place between the 8 th and the 19 th of July	<ul style="list-style-type: none"> Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

Bearings and Maps	Angle Clockwise Notation Protractor North line Map Scale Measure Direction Bearing Distance	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ CGP KS3 Maths Year 8 Targeted Workbook (with answers)	Assessment for this topic will take place between the 8 th and the 19 th of July	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
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Subject: Maths

Year group: 9

Exam board: EdExcel

Summer Term:

Topics Covered	Keywords	Useful Resources	Assessment opportunities	Revision ideas
Higher				
N1: Rounding <ul style="list-style-type: none">• Estimation• Rounding to decimals and significant figures• Upper and lower bounds• Bounds calculations	Round, significant figures, decimals places, upper bound, lower bound, degree of accuracy, estimate	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize CGP KS3 Maths Year 9 Targeted Workbook (with answers)	Assessments will take place in July 2024.	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
N2: Integers <ul style="list-style-type: none">• Reciprocals• Prime Numbers• Lowest Common Multiple• Highest Common Factor	Integer, factor, multiple, LCM, common factor, HCF, prime number, index notation, prime number decomposition, reciprocal	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize CGP KS3 Maths Year 9 Targeted Workbook (with answers)	Assessments will take place in July 2024.	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

<p>A1: Algebraic Manipulation</p> <ul style="list-style-type: none"> • Expanding Brackets • Factorising expressions • Factorising Quadratics • Simplifying expressions 	<p>Variable Expand Term Simplify Expression Factorise Product Quadratic Coefficient Equation</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize</p> <p>CGP KS3 Maths Year 9 Targeted Workbook (with answers)</p>	<p>Assessments will take place in July 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
<p>A2: Solving Equations</p> <ul style="list-style-type: none"> • Solving linear equations • Solving equations with fractional coefficients • Forming and solving equations 	<p>Inverse Expressions Integer Brackets Equation Simplify Substitute Coefficient Variable</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize</p> <p>CGP KS3 Maths Year 9 Targeted Workbook (with answers)</p>	<p>Assessments will take place in July 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
<p>GM1: Coordinates</p> <ul style="list-style-type: none"> • Finding the midpoint of a line • Finding the length between two points 	<p>Origin, Axis/ Axes, Horizontal, Vertical, Co-ordinate, 2D, 3D</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize</p> <p>CGP KS3 Maths Year 9 Targeted Workbook (with answers)</p>	<p>Assessments will take place in July 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

<p>GM2: The Circle</p> <ul style="list-style-type: none"> Identify parts of the circle Area and Circumference of the Circle Finding the area of sectors and arc lengths 	<p>Centre , Point, Radius, Radii Diameter , Arc , Chord , Sector, Segment, Circumference, Pi, Tangent</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize</p> <p>CGP KS3 Maths Year 9 Targeted Workbook (with answers)</p>	<p>Assessments will take place in July 2024.</p>	<ul style="list-style-type: none"> Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
<p>Foundation</p>				
<p>N1: Integers</p> <ul style="list-style-type: none"> Negative numbers Ordering numbers Prime Numbers Lowest common multiple Highest common factor Product of prime factors 	<p>Counting number, positive number, negative number, Integer, directed number, less than, greater than, sum, product, factor, multiple, lowest common multiple, common factor, highest common factor, prime number, index notation, reciprocal</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize</p> <p>CGP KS3 Maths Year 9 Targeted Workbook (with answers)</p>	<p>Assessments will take place in July 2024.</p>	<ul style="list-style-type: none"> Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
<p>N2: Powers and Roots</p> <ul style="list-style-type: none"> Square numbers and Cube numbers Index laws (including zero & negative powers) Standard Form 	<p>Square number, cube number, square root, cube root, index, power, exponent, indices</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize</p> <p>CGP KS3 Maths Year 9 Targeted Workbook (with answers)</p>	<p>Assessments will take place in July 2024.</p>	<ul style="list-style-type: none"> Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

<p>A1: Use of Symbols</p> <ul style="list-style-type: none"> • Simplifying expressions • Expanding brackets • Factorising expressions • Factorings quadratics 	<p>Variable, term, algebraic expression, product, collect like terms, simplify, expand, factorise, linear expression</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize</p> <p>CGP KS3 Maths Year 9 Targeted Workbook (with answers)</p>	<p>Assessments will take place in July 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
<p>GM1: Angles</p> <ul style="list-style-type: none"> • Angle properties • Angles in parallel lines • Bearings 	<p>Turn, Revolution, Acute, Right angle, Obtuse, Reflex, Straight line, Complete turn, Perpendicular, Parallel, Transversal, Alternate, Corresponding, Bearing.</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize</p> <p>CGP KS3 Maths Year 9 Targeted Workbook (with answers)</p>	<p>Assessments will take place in July 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
<p>SP1: Statistical Measures</p> <ul style="list-style-type: none"> • Averages from a set of numbers • Averages from frequency table • Averages from grouped frequency table 	<p>Average, Median, Mode, Modal class, Mean, Range, Data, Discrete data, Continuous data, Frequency table or frequency distribution, Grouped data.</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize</p> <p>CGP KS3 Maths Year 9 Targeted Workbook (with answers)</p>	<p>Assessments will take place in July 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

Subject: Maths

Year group: 10

Exam board: EdExcel

Summer Term:

Topics Covered	Keywords	Useful Resources	Assessment opportunities	Revision ideas
Higher				
A7: Manipulating Expressions <ul style="list-style-type: none">• Rearranging Formula• Simplifying Algebraic Fractions	Subject, Rational Numbers, Powers, Expressions, Variables, Terms, Constants, Brackets, Rearranging, Equations, Factors, Formula, Numerators, Constant, Denominators, Cubic, Factorising, Quadratic	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize https://www.mathsgenie.co.uk/gcse.html CGP GCSE Higher book and workbook	Assessments will take place in June 2024.	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
A8: Quadratic Functions <ul style="list-style-type: none">• Quadratic formula• Expanding and factorising quadratics• Completing the Square	Quadratic, Solving, Expanding, Formula, Multiples, Factorising Equations, Completing the square	https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize https://www.mathsgenie.co.uk/gcse.html CGP GCSE Higher book and workbook	Assessments will take place in June 2024.	<ul style="list-style-type: none">• Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

<p>A10: Functions & Graph Transformations</p> <ul style="list-style-type: none"> • Solve functions graphically. • Points of intersection. • Graph Transformations. • Trig Graphs 	<p>Function, Equation, Quadratic, Intersection, Cubic, Simultaneous, Transformations, Constants, Trigonometry, Sine, Cosine</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize https://www.mathsgenie.co.uk/gcse.html</p> <p>CGP GCSE Higher book and workbook</p>	<p>Assessments will take place in June 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
<p>A11: Equation of a Circle</p> <ul style="list-style-type: none"> • Tangents to circles • Quadratic Simultaneous Equations • Equation of a circle 	<p>Elimination Substitution Quadratic Cubic Simultaneous Unknowns Origin Intersection</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize https://www.mathsgenie.co.uk/gcse.html</p> <p>CGP GCSE Higher book and workbook</p>	<p>Assessments will take place in June 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
<p>GM9: Loci & Constructions</p> <ul style="list-style-type: none"> • Loci • Constructions • Constructing Triangles 	<p>Arc, Construction Lines, Bisect, Bisector, Construct, Perpendicular, Loci</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize https://www.mathsgenie.co.uk/gcse.html</p> <p>CGP GCSE Higher book and workbook</p>	<p>Assessments will take place in June 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

<p>GM10: Circle Theorems</p> <ul style="list-style-type: none"> • Angle and Circle properties • Apply circle theorems • Prove circle theorems 	<p>tangent, perpendicular, radius, diameter ,chord, segment, alternate, subtended, centre, semi-circle, bisects ,prove , cyclic quadrilateral, arc, theorem</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize https://www.mathsgenie.co.uk/gcse.html</p> <p>CGP GCSE Higher book and workbook</p>	<p>Assessments will take place in June 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
<p>GM12: Further Trig & Functions</p> <ul style="list-style-type: none"> • Sketch basic trig graphs • Sine & Cosine Rule • Area of a Triangle • Transform trig graphs 	<p>Sine, Cosine, Transformations</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize https://www.mathsgenie.co.uk/gcse.html</p> <p>CGP GCSE Higher book and workbook</p>	<p>Assessments will take place in June 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
<p>Foundation</p>				
<p>R3: Percentages & Variations</p> <ul style="list-style-type: none"> • Compound interest • Direct and Indirect proportion • Rate of change graphs 	<p>Annual rate compound interest, simple interest, principal capital sum, multiplier, reverse percentage, constant of proportionality, direct proportion, variation, inverse proportion, increase, depreciation</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize</p> <p>CGP GCSE Foundation book and workbook</p>	<p>Assessments will take place in June 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook

<p>Revision and Catch Up</p>	<p>Topics can include: Sequences Solving Equations Linear Graphs Inequalities Decimals Area & Volume Pythagoras Trigonometry Plans & Elevations Angles in Polygons Pie Charts Stem & Leaf Averages Probability Transformations Inequalities Simultaneous Equations Fractions</p>	<p>https://nrich.maths.org/ https://corbettmaths.com/ https://www.gcsepod.com/ https://www.bbc.co.uk/bitesize</p> <p>CGP GCSE Foundation book and workbook</p>	<p>Assessments will take place in June 2024.</p>	<ul style="list-style-type: none"> • Watch the videos on GCSEpod and Corbettmaths and practice questions on Corbettmaths and CGP Workbook
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