

Scheme of Work 2020-2021

Subject: Mathematics

Year Group: 10 Higher

Specification: Edexcel

Lesson No	Topic & Objective	Big Question – What will students learn?	Key Activities & Specialist Terminology (Do Now Task / Starter/Tasks/Plenary)	Planned Assessment	Homework or flipped learning resources ONLINE resources	Lit Num SMSC Codes
GCSE Grade 6	Cumulative Frequency 1		<p align="center">Key Words: Median, Quartiles Starter: 5-a-day Foundation – strictly 5 mins MW Clip 186 Main CW task: Corbett Maths Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2019/02/Cumulative-Frequency.pdf or MathsWatch Worksheet 186 https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip186.pdf</p>	<p align="center">Exam style questions: https://corbettmaths.com/wp-content/uploads/2013/02/cumulative-frequency-pdf1.pdf MathsWatch online worksheet 186 https://vle.mathswatch.co.uk/vle/browse/354/practice</p>	<p align="center">Doddle lesson MW Clip 186 https://vle.mathswatch.co.uk/vle/browse/354 Corbett Maths video: https://corbettmaths.com/2012/08/09/reading-cumulative-frequency-graphs/</p>	

<p>GCSE Grade 6</p>	<p>Cumulative Frequency 2</p>		<p>Key Words: Interquartile range, spread Starter: 5-a-day Foundation – strictly 5 mins MW Clip 186 Main CW task: Corbett Maths Textbook Exercise: MW Clip 186 https://corbettmaths.com/wp-content/uploads/2019/02/Cumulative-Frequency.pdf</p>	<p>Exam style questions: https://corbettmaths.com/wp-content/uploads/2013/02/cumulative-frequency-pdf1.pdf MathsWatch online worksheet 186 https://vle.mathswatch.co.uk/vle/browse/354/practice</p>	<p>Doddle lesson MW Clip 186 https://vle.mathswatch.co.uk/vle/browse/354 Corbett Maths video: https://corbettmaths.com/2012/08/09/drawing-cumulative-frequency-graphs/</p>	
<p>GCSE Grade 6</p>	<p>Boxplots</p>	<p>Draw and interpret box plots.</p>	<p>Key Words: Starter: 5-a-day Foundation – strictly 5 mins MW Clip https://vle.mathswatch.co.uk/vle/browse/355 Main CW task: CorbettMaths Worksheet Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2019/07/Box-Plots-pdf.pdf https://corbettmaths.com/wp-content/uploads/2019/07/Box-Plots-pdf.pdf MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip187.pdf</p>	<p>CorbettMaths Worksheet Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/cumulative-frequency-pdf1.pdf https://corbettmaths.com/wp-content/uploads/2013/02/cumulative-frequency-pdf1.pdf</p>	<p>Doddle lesson MW Clip https://vle.mathswatch.co.uk/vle/browse/355 Corbett Maths video: http://corbettmaths.com/2013/05/15/drawing-and-reading-box-plots/ http://corbettmaths.com/2013/05/15/comparing-box-plots/</p>	

GCSE Grade 4	Compound Units	Solve problems involving compound measures.	<p style="text-align: center;">Key Words: Speed, Density, Pressure</p> <p style="text-align: center;">Starter: 5-a-day</p> <p style="text-align: center;">Foundation – strictly 5 mins</p> <p style="text-align: center;">MW Clip https://vle.mathswatch.co.uk/vle/browse/305</p> <p style="text-align: center;">Main CW task: CorbettMaths Worksheet</p> <p style="text-align: center;">Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2018/09/Speed-Distance-Time-pdf.pdf https://corbettmaths.com/wp-content/uploads/2013/02/density-pdf2.pdf https://corbettmaths.com/wp-content/uploads/2013/02/pressure-pdf1.pdf MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip142.pdf</p>	<p style="text-align: center;">CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/speed-distance-time-pdf1.pdf</p> <p>https://corbettmaths.com/wp-content/uploads/2018/04/Density-worksheet2.pdf</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/pressure-pdf.pdf</p>	<p style="text-align: center;">Doddle lesson</p> <p style="text-align: center;">MW Clip https://vle.mathswatch.co.uk/vle/browse/305</p> <p style="text-align: center;">Corbett Maths video: http://corbettmaths.com/2016/01/01/speed-distance-time/ https://corbettmaths.com/2016/06/07/density/ https://corbettmaths.com/2016/07/28/pressure/</p>	
GCSE Grade 4	Distance-Time Graphs	Recall and use the formula speed = distance ÷ time. Draw and interpret distance-time graphs	<p style="text-align: center;">Key Words: Speed, Velocity, Gradient</p> <p style="text-align: center;">Starter: 5-a-day</p> <p style="text-align: center;">Foundation – strictly 5 mins</p> <p style="text-align: center;">MW Clip https://vle.mathswatch.co.uk/vle/browse/306</p> <p style="text-align: center;">Main CW task:</p>	<p style="text-align: center;">CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/travel-graphs-pdf.pdf</p>	<p style="text-align: center;">Doddle lesson</p> <p style="text-align: center;">MW Clip https://vle.mathswatch.co.uk/vle/browse/306</p> <p style="text-align: center;">Corbett Maths video: http://corbettmaths.com/2013/05/25/travel-graphs/</p>	

			<p>CorbettMaths Worksheet</p> <p>Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/distance-time-graphs-pdf.pdf</p> <p>MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip143.pdf</p> <p>-</p>		
GCSE Grade 4	Similar Shapes	<p>Use the ratio of corresponding sides to work out scale factors.</p> <p>Find missing lengths on similar shapes.</p>	<p>Key Words:</p> <p>Similarity, Ratio, Scale Factor, Enlargement</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation – strictly 5 mins</p> <p>MW Clip https://vle.mathswatch.co.uk/vle/browse/307</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2019/03/Similar-Shapes-pdf.pdf</p> <p>MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip144.pdf</p> <p>-</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/congruent-shapes-and-similar-shapes-pdf1.pdf</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/similar-shapes-pdf.pdf</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/similar-shapes-area-volume-pdf.pdf</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/similar-shapes-area-volume-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip https://vle.mathswatch.co.uk/vle/browse/307</p> <p>Corbett Maths video: https://corbettmaths.com/2012/08/10/congruent-and-similar-shapes/ http://corbettmaths.com/2013/11/16/similarshapes/ http://corbettmaths.com/2013/11/16/similar-shapes-areas/ http://corbettmaths.com/2013/11/17/similar-shape-volumes/</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>
GCSE Grade 5	Negative Indices	Use negative indices.	<p>Key Words:</p> <p>Reciprocal, Fraction</p> <p>Starter:</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise:</p>	<p>Doddle lesson</p> <p>MW Clip</p>

			<p>5-a-day</p> <p>Foundation – strictly 5 mins</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/320</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/negative-indices-pdf1.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip154.pdf</p>	<p>https://corbettmaths.com/wp-content/uploads/2013/02/inequalities.pdf</p> <p>Corbett Maths video:</p> <p>http://corbettmaths.com/2013/03/24/negative-indices/</p>
GCSE Grade 7	Fractional Indices	Use fractional indices.	<p>Key Words:</p> <p>Root</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation – strictly 5 mins</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/356</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2018/12/Fractional-Indices-pdf.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip188.pdf</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise:</p> <p>http://corbettmaths.com/wp-content/uploads/2013/02/fractional-negative-indices-pdf1.pdf</p> <p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/356</p> <p>Corbett Maths video:</p> <p>http://corbettmaths.com/2013/03/03/fractional-indices/</p>

GCSE Grade 5	Compound Interest and Depreciation	Find an amount after repeated percentage change. Solve growth and decay problems.	<p align="center">Key Words:</p> <p align="center">Indices, Decimal Multiplier</p> <p align="center">Starter:</p> <p align="center">5-a-day</p> <p align="center">Foundation – strictly 5 mins</p> <p align="center"><u>MW Clip</u></p> <p align="center">https://vle.mathswatch.co.uk/vle/browse/331</p> <p align="center"><u>Main CW task:</u></p> <p align="center"><u>CorbettMaths Worksheet</u></p> <p align="center">Textbook Exercise:</p> <p align="center">https://corbettmaths.com/wp-content/uploads/2019/09/Compound-Interest-pdf-1.pdf</p> <p align="center"><u>MathsWatch Worksheet</u></p> <p align="center">https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip164.pdf</p>	<p align="center"><u>CorbettMaths Worksheet</u></p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/compound-interest-pdf1.pdf</p>	<p align="center">Doddle lesson</p> <p align="center">MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/331</p> <p align="center">Corbett Maths video:</p> <p>http://corbettmaths.com/2012/08/21/compound-interest/</p>	
GCSE Grade 5	Finding the Equation of a Straight Line	Solve problems involving compound measures.	<p align="center">Key Words:</p> <p align="center">$y=mx + c$, gradient, y-intercept, constant</p> <p align="center">Starter:</p> <p align="center">5-a-day</p> <p align="center">Foundation / Foundation Plus – strictly 5 mins</p> <p align="center"><u>MW Clip</u></p> <p align="center">https://vle.mathswatch.co.uk/vle/browse/325</p> <p align="center"><u>Main CW task:</u></p> <p align="center"><u>CorbettMaths Worksheet</u></p> <p align="center">Textbook Exercise:</p>	<p align="center"><u>CorbettMaths Worksheet</u></p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/equation-of-a-line-pdf.pdf</p>	<p align="center">Doddle lesson</p> <p align="center">MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/325</p> <p>https://vle.mathswatch.co.uk/vle/browse/326</p> <p align="center">Corbett Maths video:</p> <p>http://corbettmaths.com/2013/05/29/ymxc/</p>	

			https://corbettmaths.com/wp-content/uploads/2018/12/Equation-of-a-Line-pdf.pdf MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip159a.pdf			
GCSE Grade 5	Cubic and Reciprocal Graphs	<p>Draw graphs of cubic functions.</p> <p>Solve cubic equations using graphs.</p> <p>Draw graphs of reciprocal functions.</p> <p>Recognise a graph from its shape.</p>	<p>Key Words:</p> <p>cube numbers, turning point, 1/x</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/334</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/cubic-graphs-pdf.pdf</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/reciprocal-graphs-pdf.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip167.pdf</p> <p>-</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/cubic-graphs-pdf.pdf</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/reciprocal-graphs-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/334</p> <p>-</p> <p>Corbett Maths video:</p> <p>https://corbettmaths.com/2016/08/07/cubic-graphs/</p> <p>http://corbettmaths.com/2013/10/24/reciprocal-graphs/</p>	
GCSE Grade 5	Sectors of a Circle	Calculate arc lengths, angles and areas of sectors of circles.	<p>Key Words:</p> <p>Arc, Circumference, Angle, Sector, Proportion</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise:</p>	<p>Doddle lesson</p>	

			<p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/334</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2018/09/Area-of-a-Sector-pdf.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip167.pdf</p> <p>-</p>	<p>https://corbettmaths.com/wp-content/uploads/2013/02/area-of-a-sector.pdf</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/334</p> <p>Corbett Maths video:</p> <p>http://corbettmaths.com/2012/08/02/area-of-a-sector-video/</p>	
GCSE Grade 5	Spheres 1	<p>Calculate volume of a sphere.</p> <p>Solve problems involving volumes.</p>	<p>Key Words:</p> <p>Surface Area, Volume</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/336</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/volume-of-a-sphere-pdf1.pdf</p> <p>MathsWatch Worksheet</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise:</p> <p>http://corbettmaths.com/wp-content/uploads/2013/02/volume-of-a-sphere-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/336</p> <p>Corbett Maths video:</p> <p>http://corbettmaths.com/2013/03/03/volume-of-a-sphere/</p>

			https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip169.pdf		
GCSE Grade 5	Spheres 2	Calculate surface area of a sphere. Solve problems involving surface areas.	<p>Key Words:</p> <p>Surface Area, Volume</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p><u>MW Clip</u></p> <p>https://vle.mathswatch.co.uk/vle/browse/336</p> <p>Main CW task:</p> <p><u>CorbettMaths Worksheet</u></p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/surface-area-of-a-sphere-pdf.pdf</p> <p><u>MathsWatch Worksheet</u></p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip169.pdf</p>	<p><u>CorbettMaths Worksheet</u></p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/surface-area-sphere-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/336</p> <p>Corbett Maths video:</p> <p>http://corbettmaths.com/2013/03/26/surface-area-of-a-sphere/</p>
GCSE Grade 5	Pyramids	Calculate volume and surface area of pyramids. Solve problems involving pyramids.	<p>Key Words:</p> <p>Square-based, Triangular-based</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p><u>MW Clip</u></p>	<p><u>CorbettMaths Worksheet</u></p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/volume-of-a-pyramid-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/337</p> <p>Corbett Maths video:</p> <p>http://corbettmaths.com/2013/03/05/volume-of-a-pyramid/</p>

			https://vle.mathswatch.co.uk/vle/browse/337 Main CW task: CorbettMaths Worksheet Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2020/04/Volume-of-a-Pyramid-pdf.pdf MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip170.pdf -			
GCSE Grade 5	Cones	Calculate volume and surface area of cones. Solve problems involving cones.	Key Words: Surface Area, Volume Starter: 5-a-day Foundation / Foundation Plus – strictly 5 mins MW Clip https://vle.mathswatch.co.uk/vle/browse/338 Main CW task: CorbettMaths Worksheet Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2018/09/Surface-Area-of-a-Cone-pdf.pdf https://corbettmaths.com/wp-content/uploads/2013/02/volume-of-a-cone-pdf2.pdf MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip171.pdf -	CorbettMaths Worksheet Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/surface-area-of-a-cone-pdf.pdf http://corbettmaths.com/wp-content/uploads/2013/02/volume-of-a-cone-pdf.pdf	Doddle lesson MW Clip https://vle.mathswatch.co.uk/vle/browse/338 Corbett Maths video: http://corbettmaths.com/2013/10/24/surface-area-of-cone/ http://corbettmaths.com/2013/03/03/volume-of-a-cone/	

GCSE Grade 5	Frustums	Calculate volume and surface area of cones. Solve problems involving cones.	<p>Key Words:</p> <p>Truncated Cone</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins <u>MW Clip</u></p> <p>https://vle.mathswatch.co.uk/vle/browse/339</p> <p>Main CW task: MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip172.pdf</p> <p>-</p>	<p><u>CorbettMaths Worksheet</u></p> <p>Exam Exercise:</p> <p>http://corbettmaths.com/wp-content/uploads/2013/02/volume-of-a-cone-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/339</p> <p>Corbett Maths video:</p> <p>https://corbettmaths.com/2019/04/24/volume-of-a-frustum/</p> <p>-</p>	
GCSE Grade 5	Introduction to Vectors	Understand and use vector notation.	<p>Key Words:</p> <p>Column Vector, Translation</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins <u>MW Clip</u></p> <p>https://vle.mathswatch.co.uk/vle/browse/341</p> <p>Main CW task: CorbettMaths Worksheet</p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/vectors-pdf.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip174.pdf</p>	<p><u>CorbettMaths Worksheet</u></p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/vectors-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/341</p> <p>Corbett Maths video:</p> <p>https://corbettmaths.com/2017/09/25/column-vectors/</p>	

GCSE Grade 5, 7	Error Intervals	Understand and use upper and lower bounds in calculations	<p>Key Words:</p> <p>Rounding, Upper and Lower Bounds, Limits of Accuracy</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/321</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2019/02/Error-Intervals.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip155.pdf</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2019/02/Error-Intervals.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/321</p> <p>Corbett Maths video:</p> <p>http://corbettmaths.com/2017/12/16/error-intervals/</p>	
GCSE Grade 5	Geometric Progressions	Recognise and use simple geometric progressions	<p>Key Words:</p> <p>Powers, Substitution, Sequences</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/330</p> <p>Main CW task:</p> <p>MathsWatch Worksheet</p>	-	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/330</p> <p>Corbett Maths video:</p> <p>https://corbettmaths.com/2019/04/24/geometric-progressions/</p>	

			https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip163.pdf			
GCSE Grade 4	Loci	<p>Bisect an angle using a ruler and compasses.</p> <p>Construct angles using a ruler and compasses. Construct shapes made from triangles using a ruler and compasses. Draw a locus.</p> <p>Use loci to solve problems.</p>	<p>Key Words:</p> <p>Angle and Perpendicular Bisectors, Constructions, Equidistant</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/332</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2020/05/Loci.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip165.pdf</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/loci-pdf1.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/332</p> <p>Corbett Maths video:</p> <p>http://corbettmaths.com/2013/03/31/loci-part-1/</p> <p>http://corbettmaths.com/2013/03/31/loci-part-2/</p> <p>http://corbettmaths.com/2013/03/06/loci-part-3-2/</p>	
GCSE Grade 6	Regions 1	<p>Represent linear inequalities on graphs.</p> <p>Interpret graphs of inequalities.</p>	<p>Key Words:</p> <p>Linear Inequalities</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/graphical-inequalities-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/368</p>	

			<p style="text-align: center;"><u>MW Clip</u></p> <p>https://vle.mathswatch.co.uk/vle/browse/368</p> <p style="text-align: center;"><u>Main CW task:</u></p> <p><u>CorbettMaths Worksheet</u></p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2020/02/Graphical-Inequalities-1-Textbook.pdf</p> <p><u>MathsWatch Worksheet</u></p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip198.pdf</p>		<p>Corbett Maths video:</p> <p>http://corbettmaths.com/2013/05/27/graphical-inequalities-part-1/</p> <p>-</p> <p>-</p>
GCSE Grade 7	Regions 2	<p>Represent quadratic inequalities on graphs.</p> <p>Interpret graphs of inequalities.</p>	<p style="text-align: center;">Key Words:</p> <p style="text-align: center;">Quadratic Inequalities</p> <p style="text-align: center;">Starter:</p> <p style="text-align: center;">5-a-day</p> <p style="text-align: center;">Foundation / Foundation Plus – strictly 5 mins</p> <p style="text-align: center;"><u>MW Clip</u></p> <p>https://vle.mathswatch.co.uk/vle/browse/368</p> <p style="text-align: center;"><u>Main CW task:</u></p> <p><u>CorbettMaths Worksheet</u></p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/graphical-inequalities-2-pdf.pdf</p> <p><u>MathsWatch Worksheet</u></p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip198.pdf</p>	<p><u>CorbettMaths Worksheet</u></p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/graphical-inequalities-pdf.pdf</p>	<p>Doddle lesson</p> <p style="text-align: center;">MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/368</p> <p>Corbett Maths video:</p> <p>http://corbettmaths.com/2013/05/27/graphical-inequalities-part-2/</p> <p>-</p> <p>-</p>

GCSE Grade 6	Congruent triangles 1	Show that two triangles are congruent. Know the conditions of congruence.	<p>Key Words:</p> <p>Congruence, ASA, SAS, SSS, Tirnagles, Similarity Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins MW Clip https://vle.mathswatch.co.uk/vle/browse/333</p> <p>Main CW task: CorbettMaths Worksheet Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2019/02/Congruent-Shapes-Textbook.pdf MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip166.pdf</p> <p>-</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/congruent-shapes-and-similar-shapes-pdf1.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/333</p> <p>Corbett Maths video: http://corbettmaths.com/2012/08/10/congruent-and-similar-shapes/</p> <p>-</p> <p>-</p>	
GCSE Grade 6	Congruent triangles 2	Prove shapes are congruent. Solve problems involving congruence.	<p>Key Words:</p> <p>Congruence, ASA, SAS, SSS, Tirnagles, Similarity Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins MW Clip https://vle.mathswatch.co.uk/vle/browse/333</p> <p>Main CW task:</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/congruent-triangles-pdf1.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/333</p> <p>Corbett Maths video: http://corbettmaths.com/2013/04/15/congruent-triangles/</p> <p>-</p>	

			<p>CorbettMaths Worksheet</p> <p>Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2019/02/Congruent-Triangles-pdf.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip166.pdf</p>		
GCSE Grade 5	Trigonometry 1	<p>Understand and recall the sine ratio in right-angled triangles.</p> <p>Use the sine ratio to calculate the length of a side in a right-angled triangle.</p> <p>Understand and recall the cosine ratio in right-angled triangles.</p> <p>Use the cosine ratio to calculate the length of a side in a right-angled triangle.</p> <p>Understand and recall the tangent ratio in right-angled triangles.</p> <p>Use the tangent ratio to calculate the length of a side in a right-angled triangle.</p>	<p>Key Words:</p> <p>Sine, Cosine, Tangent, Opposite, Adjacent, Hypotenuse</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/335</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2018/12/Trigonometry-pdf.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip168.pdf</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/trigonometry-pdf1.pdf</p>	<p>Doodle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/335</p> <p>Corbett Maths video: http://corbettmaths.com/2013/03/30/trigonometry-missing-sides/</p>
GCSE Grade 5	Trigonometry 2	<p>Use the sine ratio to calculate an angle in a right-angled triangle.</p>	<p>Key Words:</p> <p>Sine, Cosine, Tangent, Opposite, Adjacent, Hypotenuse</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise:</p>	<p>Doodle lesson</p>

		<p>Use the sine ratio to solve problems.</p> <p>Use the cosine ratio to calculate an angle in a right-angled triangle.</p> <p>Use the cosine ratio to solve problems.</p> <p>Use the tangent ratio to calculate an angle in a right-angled triangle.</p> <p>Solve problems using an angle of elevation or depression.</p>	<p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/335</p> <p>Main CW task: CorbettMaths Worksheet</p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2018/12/Trigonometry-pdf.pdf MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip168.pdf</p>	<p>https://corbettmaths.com/wp-content/uploads/2013/02/trigonometry-pdf1.pdf</p>	<p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/335</p> <p>Corbett Maths video: http://corbettmaths.com/2013/03/30/trigonometry-missing-angles/</p> <p>-</p> <p>-</p>
GCSE Grade 5 & 7	Trigonometry 3	<p>Use Pythagoras' theorem in 3D.</p> <p>Use trigonometry in 3D.</p>	<p>Key Words:</p> <p>Sine, Cosine, Tangent, Opposite, Adjacent, Hypotenuse</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/394</p> <p>Main CW task: CorbettMaths Worksheet</p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2019/01/3D-Trigonometry-pdf.pdf</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/3d-trig-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/394</p> <p>Corbett Maths video: http://corbettmaths.com/2013/12/07/3d-trigonometry/</p> <p>-</p> <p>-</p>

			<p>MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip218.pdf</p>		
GCSE Grade 5	Exact Trigonometric Values 1		<p>Key Words:</p> <p>Sine, Cosine, Tangent, Surd, Pi</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins MW Clip https://vle.mathswatch.co.uk/vle/browse/340</p> <p>Main CW task: CorbettMaths Worksheet Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/exact-trig-values-pdf1.pdf MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip173.pdf</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/exact-trig-values-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip https://vle.mathswatch.co.uk/vle/browse/340</p> <p>Corbett Maths video: http://corbettmaths.com/2013/04/20/exact-trigonometric-values/ - -</p>
GCSE Grade 5 & 7	Exact Trigonometric Values 2 - Trigonometric Graphs		<p>Key Words:</p> <p>Sine, Cosine, Tangent, Surd, Pi</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins MW Clip https://vle.mathswatch.co.uk/vle/browse/363</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/trig-graphs-pdf.pdf -</p>	<p>Doddle lesson</p> <p>MW Clip https://vle.mathswatch.co.uk/vle/browse/363 https://vle.mathswatch.co.uk/vle/browse/364 Corbett Maths video: http://corbettmaths.com/2013/04/20/ysinx-graph/</p>

			https://vle.mathswatch.co.uk/vle/browse/364 Main CW task: CorbettMaths Worksheet Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2019/02/Trigonometric-Graphs.pdf MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip195a.pdf https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip195b.pdf		http://corbettmaths.com/2013/05/07/cosine-graph/ http://corbettmaths.com/2013/05/12/tangent-graph/ -
GCSE Grade 5	Harder Tree Diagrams 1	Draw and use frequency trees. Calculate probabilities of repeated events. Draw and use probability tree diagrams.	Key Words: Frequency Diagram, Conditional Probability Starter: 5-a-day Foundation / Foundation Plus – strictly 5 mins MW Clip https://vle.mathswatch.co.uk/vle/browse/342 Main CW task: CorbettMaths Worksheet Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2019/04/Tree-Diagrams.pdf MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip175.pdf	CorbettMaths Worksheet Exam Exercise: http://corbettmaths.com/wp-content/uploads/2013/02/tree-diagrams-pdf.pdf	Doddle lesson MW Clip https://vle.mathswatch.co.uk/vle/browse/342 Corbett Maths video: http://corbettmaths.com/2013/05/07/tree-diagrams/

GCSE Grade 5 & 6	Harder Tree Diagrams 2	Draw and use frequency trees. Calculate probabilities of repeated events. Draw and use probability tree diagrams.	<p style="text-align: center;">Key Words:</p> <p style="text-align: center;">Frequency Diagram, Conditional Probability</p> <p style="text-align: center;">Starter:</p> <p style="text-align: center;">5-a-day</p> <p style="text-align: center;">Foundation / Foundation Plus – strictly 5 mins MW Clip</p> <p style="text-align: center;">https://vle.mathswatch.co.uk/vle/browse/342</p> <p style="text-align: center;">Main CW task: CorbettMaths Worksheet</p> <p style="text-align: center;">Textbook Exercise:</p>	<p style="text-align: center;">CorbettMaths Worksheet</p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2018/12/Frequency-Trees-pdf.pdf</p>	<p style="text-align: center;">Doddle lesson</p> <p style="text-align: center;">MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/342</p> <p style="text-align: center;">Corbett Maths video:</p> <p>https://corbettmaths.com/2017/03/26/frequency-trees/</p>	
			<p>https://corbettmaths.com/wp-content/uploads/2018/10/Frequency-Trees-Textbook-pdf.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip175.pdf</p>			
GCSE Grade 5	Stratified sampling	Understand how to take a simple random sample. Understand how to take a stratified sample.	<p style="text-align: center;">Key Words:</p> <p style="text-align: center;">Common Characteristics, Population, Sample</p> <p style="text-align: center;">Starter:</p> <p style="text-align: center;">5-a-day</p> <p style="text-align: center;">Foundation / Foundation Plus – strictly 5 mins MW Clip</p> <p style="text-align: center;">https://vle.mathswatch.co.uk/vle/browse/343</p> <p style="text-align: center;">Main CW task:</p>	<p style="text-align: center;">CorbettMaths Worksheet</p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/stratified-sampling-pdf.pdf</p>	<p style="text-align: center;">Doddle lesson</p> <p style="text-align: center;">MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/343</p> <p style="text-align: center;">Corbett Maths video:</p> <p>http://corbettmaths.com/2012/08/27/stratified-sampling/</p>	

GCSE Grade 6 & 8	Probability using Venn Diagrams	<p>Use Venn diagrams to calculate probabilities</p> <p>Use set notation.</p>	<p>CorbettMaths Worksheet</p> <p>Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2019/07/Stratified-Sampling-pdf.pdf</p> <p>MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip176.pdf</p> <p>Key Words:</p> <p>Venn Diagram, Set Notation, Intersection, Union</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p>MW Clip https://vle.mathswatch.co.uk/vle/browse/353</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/venn-diagrams-pdf.pdf</p> <p>MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip185.pdf</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/venn-diagrams-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip https://vle.mathswatch.co.uk/vle/browse/353</p> <p>Corbett Maths video: https://corbettmaths.com/2016/08/07/venn-diagrams/</p>	
GCSE Grade 6	Enlargement - Negative Scale Factor	Enlarge shapes by negative scale factors about a centre of enlargement.	<p>Key Words:</p> <p>Scale Factor, Similarity</p> <p>Starter:</p> <p>5-a-day</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/enlargements-negative-scale-factors-pdf.pdf</p>	<p>Doddle lesson</p> <p>MW Clip https://vle.mathswatch.co.uk/vle/browse/348</p>	

			<p>Foundation / Foundation Plus – strictly 5 mins MW Clip https://vle.mathswatch.co.uk/vle/browse/348</p> <p>MW Clip https://vle.mathswatch.co.uk/vle/browse/349</p> <p>Main CW task: CorbettMaths Worksheet Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2019/02/Enlargements-Negative-SF.pdf</p> <p>MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip181a.pdf</p> <p>-</p>		<p>https://vle.mathswatch.co.uk/vle/browse/349</p> <p>Corbett Maths video: http://corbettmaths.com/2013/04/24/enlargements-with-negative-scale-factor/</p>
GCSE Grade 5	Roots and Turning Points of Quadratics	Find and understand the roots and turning points of quadratic functions.	<p>Key Words:</p> <p>Root, Minimum and Maximum, Completing the Square Starter: 5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins MW Clip https://vle.mathswatch.co.uk/vle/browse/327</p> <p>Main CW task: CorbettMaths Worksheet Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2019/04/Sketching-Quadratics.pdf</p> <p>MathsWatch Worksheet</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2019/04/Sketching-Quadratics.pdf</p>	<p>Doodle lesson</p> <p>MW Clip https://vle.mathswatch.co.uk/vle/browse/327</p> <p>Corbett Maths video: http://corbettmaths.com/2013/06/22/sketching-quadratics/</p>

			https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip160.pdf		
GCSE Grade 5	Factorising and Solving Quadratics 1	Rearrange and solve simple quadratic equations.	<p>Key Words:</p> <p>Product and Sum, Double Brackets</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/323</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/solving-quadratics-by-factorising-1-pdf.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip157.pdf</p>	CorbettMaths Worksheet	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/323</p> <p>Corbett Maths video:</p> <p>http://corbettmaths.com/2013/05/03/solving-quadratics-by-factorising/</p>
GCSE Grade 5	Factorising and Solving Quadratics 2	Solve more complex quadratic equations.	<p>Key Words:</p> <p>Product and Sum, Double Brackets</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/323</p> <p>Main CW task:</p>	CorbettMaths Worksheet	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/323</p> <p>Corbett Maths video:</p> <p>http://corbettmaths.com/2013/05/03/solving-quadratics-by-factorising/</p>

			<p>CorbettMaths Worksheet</p> <p>Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2020/01/Solving-Quadratics-by-Factorising-2.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip157.pdf</p> <p>-</p>		
GCSE Grade 5	The Difference of Two Squares	Use the difference of two squares.	<p>Key Words:</p> <p>Turning Point, Roots</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/324</p> <p>Main CW task:</p> <p>CorbettMaths Worksheet</p> <p>Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/solving-using-completing-the-square-pdf.pdf</p> <p>MathsWatch Worksheet</p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip158.pdf</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/completing-the-square-pdf1.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/324</p> <p>Corbett Maths video: https://corbettmaths.com/2013/12/29/completing-the-square-video-10/</p>
GCSE Grade 7	Histograms 1	<p>Understand frequency density.</p> <p>Draw histograms.</p>	<p>Key Words:</p> <p>Continuous Data, Frequency Density, Class Width</p> <p>Starter:</p>	<p>CorbettMaths Worksheet</p> <p>Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/histograms-pdf2.pdf</p>	<p>Doddle lesson</p> <p>MW Clip</p>

			<p style="text-align: center;">5-a-day</p> <p style="text-align: center;">Foundation / Foundation Plus – strictly 5 mins</p> <p style="text-align: center;"><u>MW Clip</u></p> <p>https://vle.mathswatch.co.uk/vle/browse/375</p> <p style="text-align: center;"><u>Main CW task:</u></p> <p><u>CorbettMaths Worksheet</u></p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/drawing-histograms-pdf.pdf</p> <p><u>MathsWatch Worksheet</u></p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip205.pdf</p> <p style="text-align: center;">-</p>		<p>https://vle.mathswatch.co.uk/vle/browse/375</p> <p style="text-align: center;">Corbett Maths video:</p> <p>http://corbettmaths.com/2012/08/20/drawing-histograms/</p>
GCSE Grade 7	Histograms 2	Interpret histograms.	<p style="text-align: center;">Key Words:</p> <p style="text-align: center;">Continuous Data, Frequency Density, Class Width</p> <p style="text-align: center;">Starter:</p> <p style="text-align: center;">5-a-day</p> <p style="text-align: center;">Foundation / Foundation Plus – strictly 5 mins</p> <p style="text-align: center;"><u>MW Clip</u></p> <p>https://vle.mathswatch.co.uk/vle/browse/375</p> <p style="text-align: center;"><u>Main CW task:</u></p> <p><u>CorbettMaths Worksheet</u></p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2019/04/Histograms.pdf</p> <p><u>MathsWatch Worksheet</u></p>	<p><u>CorbettMaths Worksheet</u></p> <p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/histograms-pdf2.pdf</p>	<p style="text-align: center;">Doddle lesson</p> <p style="text-align: center;">MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/375</p> <p style="text-align: center;">Corbett Maths video:</p> <p>http://corbettmaths.com/2012/08/19/finding-frequencies-from-histograms/</p>

			https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip205.pdf		
GCSE Grade 5	Simultaneous Equations Algebraically 1	Solve simple simultaneous equations. Solve simultaneous equations for real-life situations.	<p>Key Words:</p> <p>Substitution, Elimination, Intersection</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p><u>MW Clip</u></p> <p>https://vle.mathswatch.co.uk/vle/browse/329</p> <p>Main CW task:</p> <p><u>CorbettMaths Worksheet</u></p> <p>Textbook Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2019/04/Simultaneous-Equations.pdf</p> <p><u>MathsWatch Worksheet</u></p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip162.pdf</p>	<u>CorbettMaths Worksheet</u>	Doddle lesson
				Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/simultaneous-equations-pdf.pdf	MW Clip https://vle.mathswatch.co.uk/vle/browse/329
					Corbett Maths video: http://corbettmaths.com/2013/03/05/simultaneous-equations-elimination-method/
GCSE Grade 5	Simultaneous Equations Algebraically 2	Use simultaneous equations to find the equation of a straight line. Solve linear simultaneous equations where both equations are multiplied. Interpret real-life situations involving	<p>Key Words:</p> <p>Substitution, Elimination, Intersection</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p><u>MW Clip</u></p>	<u>CorbettMaths Worksheet</u>	Doddle lesson
				Exam Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/simultaneous-equations-pdf.pdf	MW Clip https://vle.mathswatch.co.uk/vle/browse/329
					Corbett Maths video:

		two unknowns and solve them.	https://vle.mathswatch.co.uk/vle/browse/329 Main CW task: CorbettMaths Worksheet Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2013/02/advanced-simultaneous-equations-pdf.pdf MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip162.pdf		http://corbettmaths.com/2013/05/07/solving-simultaneous-equations-by-substitution/
GCSE Grade 5	Simultaneous Equations Algebraically 3	Solve simultaneous equations with one quadratic equation. Use real-life situations to construct quadratic and linear equations and solve them.	Key Words: Substitution, Elimination, Intersection Starter: 5-a-day Foundation / Foundation Plus – strictly 5 mins MW Clip https://vle.mathswatch.co.uk/vle/browse/329 Main CW task: CorbettMaths Worksheet Textbook Exercise: https://corbettmaths.com/wp-content/uploads/2019/07/Graphical-Simultaneous-pdf.pdf MathsWatch Worksheet https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip162.pdf	CorbettMaths Worksheet Exam Exercise: https://corbettmaths.com/wp-content/uploads/2019/07/Graphical-Simultaneous-pdf.pdf	Doddle lesson MW Clip https://vle.mathswatch.co.uk/vle/browse/329 Corbett Maths video: https://corbettmaths.com/2019/03/27/solving-simultaneous-equations-graphically/
GCSE Grade 8	Mathematical Reasoning	Identify an odd number and an even	Key Words:	CorbettMaths Worksheet	Doddle lesson

	<p>number written algebraically.</p> <p>Recall the definitions of equations and identities.</p> <p>Prove a result using algebra.</p>	<p>Algebraic Proof</p> <p>Starter:</p> <p>5-a-day</p> <p>Foundation / Foundation Plus – strictly 5 mins</p> <p><u>MW Clip</u></p> <p>https://vle.mathswatch.co.uk/vle/browse/322</p> <p><u>Main CW task:</u></p> <p><u>CorbettMaths Worksheet</u></p> <p>Textbook Exercise:</p>	<p>Exam Exercise:</p> <p>https://corbettmaths.com/wp-content/uploads/2019/04/Algebraic-Proof-Questions.pdf</p>	<p>MW Clip</p> <p>https://vle.mathswatch.co.uk/vle/browse/322</p> <p>Corbett Maths video:</p> <p>https://corbettmaths.com/2016/04/24/algebraic-proof/</p>	
		<p>https://corbettmaths.com/wp-content/uploads/2019/12/Algebraic-Proof.pdf</p> <p><u>MathsWatch Worksheet</u></p> <p>https://vle.mathswatch.co.uk/downloads/worksheets/GCSE/clip156.pdf</p>			