Culcheth High School Key Stage 4 Curriculum Map 2024 - 2025
Subject: Mathematics Year 11
Exam Board: Edexcel

	Week	Set 1 (Higher)	Set 2 (Higher)	Set 3 (Crossover Higher / Foundation)	Set 4 and 5 (Foundation)
Autumn Term 1	1	Functions	Bounds	Index Laws Expand and Simplify	Types of number Collect like terms
	2	Angles and bearings	Angles and bearings	Factorising Averages from a table	Fractions
	3	QMA	QMA	QMA	QMA
	4	Circle Theorems	Functions	Probability Percentages	Percentages
	5	Rearranging equations	Functions	Percentages	Solving equations
	6	Manipulating expressions	Circle Theorems	Area Pythagoras	Ratio including sharing in a ratio Recipes
	7	Manipulating expressions	Indices and Roots Rearranging equations	Best Value Fractions	Two way tables Frequency trees
Autumn Term 2	8	Capture / recapture Vectors	Manipulating expressions	Fractions Pie Charts	Probability - from the scale to trees
	9	Indices and roots sequences	Capture / recapture Quadratic equations	Angle facts and angles in polygons	Standard form
	10	Sequences Quadratic equations	Quadratic Equations Direct and Inverse proportion	Solving equations and rearranging formulae	PPE
	11	PPE	PPE	PPE	PPE
	12	Quadratic equations	Graphs of circles, cubes and quadratics	Surface area and volume	Angles Pie charts
	13	Direct and inverse proportion	Gradient and the area under a graph	Trigonometry	Area (including circles) Surface area and Volume
	14	Graphs of circles,	Sequences	Ratio	Averages

		cubes and quadratics		Recipes Exchange Rates	
	15	Gradient and the area under a graph	Vectors	Scatter graphs Venn Diagrams	Scatter Graphs Venn diagrams
Spring Term 1	16	Gradient and the area under a graph	Vectors	Straight line graphs Coordinate geometry	Best buys Exchange rates
	17	Graphs of trigonometric functions	Graphs of trigonometric functions	Quadratic graphs Compound measures	QMA
	18	Algebraic Proof	Algebraic Proof	Transformations Vectors	Expand and simplify Factorising
	19	QMA	QMA	QMA	QMA
	20	PPE	PPE	PPE	PPE
	21	Congruence and geometric proof	Congruence and geometric proof	Circles, arc, sectors Forming and solving equations	Sequences Solving equations review
Spring Term 2	22	Congruence and geometric proof	Congruence and geometric proof	Simultaneous equations	Compound measures
	23	"Show me" algebraic and geometric proof	"Show me" algebraic and geometric proof	Trigonometry review Bearings	Straight line graphs
	24	Coordinate Geometry	Coordinate Geometry	Sequences	Straight line graphs Real life graphs
	25	Review based on assessment	Review based on assessment	Congruence Similarity Plans and elevations Constructions incl loci	Pythagoras Trigonometry
	26	Review based on assessment	Review based on assessment	Constructions incl loci	Stem and leaf Bar charts
	27	Review based on assessment	Review based on assessment	Review based on assessment	Review based on assessment
Summer Term 1	28	Review based on assessment	Review based on assessment	Review based on assessment	Review based on assessment
	29	Review based on assessment	Review based on assessment	Review based on assessment	Review based on assessment
	30	Review based on assessment	Review based on assessment	Review based on assessment	Review based on assessment
	31	GCSEs start	GCSEs start	GCSEs start	GCSEs start
	32				

Summer Term 2	33				
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