

Culcheth High School Key Stage 4 Curriculum Map 2020 - 2021

Mathematics Year 9, set 1

Edexcel



**CULCHETH
HIGH SCHOOL**
THE BEST THAT WE CAN BE

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Key Concepts	Number Statistics and Probability	Number	Number Algebra	Number Statistics and Probability Algebra	Number Algebra	Statistics and Probability Algebra
Themes	Two Way Tables Frequency Trees Venn Diagrams Product of Prime Factors Multiples in Context Best Value Exchange Rates Rounding and Error Intervals Estimation Percentage of an Amount Interest and Growth Depreciation and Decay Use of Calculator	Reverse Percentages Fractions Ratio Proportion - Recipes Standard Index Form Index Laws	Expand and Simplify Factorising Solving equations Change the subject of the formula Inequalities	Averages Averages from a Table Averages from Grouped Data Frequency Diagrams Scatter Graphs Time Series Straight Line Graphs	Real Life Graphs Quadratic and Cubic Graphs Coordinate Geometry Pythagoras Trig - Non Calculator Trig - Finding Sides Trig - Finding Angles	Pythagoras with Trig Bearings Angles Sampling Speed, Distance, Time Compound Measures Pie Charts Constructions
Writing Whole school literacy focus	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions
Spiritual, Moral, Social and Cultural theme (SMSC) Fundamental British Values	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions	The naturally inquisitive nature of maths supports decision making, SMSC and FBV will be addressed through the use of OFQUAL approved past paper questions
Key Assessment Focuses, Suggested	Week 4 60-minute QMA on Autumn Term topics (Open Book)	Week 8 60-minute QMA on topics covered to date	Week 18 60-minute QMA on topics covered to date	Week 25 60-minute QMA on topics covered to date (Open Book)	Week 30 40 min QMA (open book)	

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Assessments and Feedback Week					Week 32 60-minute QMAs on topics covered to date	
Special Events						
Possible Visits						

Final assessment – 100% terminal examination in year 11.

2 tiers of entry

- Foundation. Grades 5-U
- Higher. Grades 9-3 (if insufficient marks are obtained for Grade 3, then a U will be awarded)

The final decision on tier of entry will be taken in the Spring Term of Y11.