

Culcheth High School Key Stage 4 Curriculum Map 2020 - 2021

Mathematics Year 9, sets 2 and 3

Edexcel



	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	Number Algebra	Algebra Geometry and Measures
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 a 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 Trigonometry Pythagoras with Trigonometry	Bearings Angles Speed, Distance, Time Compound Measures Sampling 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	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	Week 30 40 min QMA (open book)	

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Assessments and Feedback Week	(Open Book)			(Open Book)	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.