

Culcheth High School Key Stage 4 Curriculum Map 2020 - 2021

Mathematics Year 10, set 4

Edexcel



	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Key Concepts	Number	Number	Number Algebra	Statistics and Probability Algebra	Statistics and Probability Number	Statistics and Probability Algebra
Themes	Percentage of an Amount Interest and Growth Depreciation and Decay Use of a calculator Reverse percentages Index Laws Expand and simplify	Factorising Ratio Proportion – Recipes Frequency diagrams	Standard Form fractions	Solving equations Change subject of formula Averages	Scatter graphs, time series Inequalities Straight line graphs	Quadratic and cubic graphs Compound measures Pythagoras Trigonometry
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 Assessments and Feedback Week	Week 4 60-minute QMA on Autumn Term topics	Week 14 PPE 2 x 60-minute QMA on topics covered to date	Week 21 60-minute QMA on topics covered to date		Week 31 2 full GCSE past papers 1 non calculator 1 calculator	
Special Events						
Possible Visits						

Final assessment – 100% terminal examination in year 11.

2 tiers of entry

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- 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.

