



## Mathematics KS4

At The Palmer Catholic Academy the Mathematics department we believe that mathematical knowledge and understanding is expandable and that every child can learn and appreciate Mathematics given the appropriate learning experiences. We are committed to developing student's curiosity about the subject and an appreciation of the beauty and power of Mathematics. Our aim is to encourage students to embrace and enjoy Mathematics and experience success in the subject at all levels. We treat students as individuals and through setting and differentiation within the groups we aim to provide a curriculum that is tailored to meet the needs of all students and abilities.

	<i>AUTUMN TERM</i>	<i>SPRING TERM</i>	<i>SUMMER TERM</i>
<b>Year 10</b>	Handling Data 1 Fractions, Decimals and Percentages Formulae & Functions Working in 2D Probability Measures and Accuracy Equations and Inequalities Circles and constructions	Ratio and proportion Factors powers and roots Straight line graphs and kinematic graphs Working in 3D	Handling Data Calculations 2 Graphs 2 Pythagoras and trigonometry
	Mini half term assessment week prior to October half term  End of term Christmas mock- set change assessment and sims data entry	Mini half term assessment week prior to February half term  End of term Easter mock- set change assessment and sims data entry	Mini half term assessment week prior to May half term  End of Year mock- set change assessment and sims data entry



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	<i>AUTUMN TERM</i>	<i>SPRING TERM</i>	<i>SUMMER TERM</i>
Year 11	Probability - Combined events Sequences Units and proportionality	Revision including exam preparation. Students work through both past exam series from and practice papers. Recap and go over topics from 10	<b>Revision and start of study leave and GCSE Exams</b>
	<b>Winter Mocks</b>	<b>March Mocks</b>	<b>GCSE EXAMS AND RESULTS SUMMER 2023</b>