

PCHS Curriculum Information

Course Title: GCSE Maths	Exam Board: AQA	Specification Code: 8300H
How will students be assessed? Students will be informally assessed twice per half term, during lessons, with short written assessments, for which they will receive feedback but no grades. Students will be formally assessed termly using written tests based on GCSE questions which incorporate both problem solving and procedural recall. This will help them become GCSE ready and will assess their knowledge and their ability to apply that knowledge to unfamiliar questions. In the summer term of Year 10 students will sit one 90 minute exam, a calculator paper which will assess their Mathematical knowledge to date.		

KEY CONTENT
Half Term 1 Unit 19: Calculating with percentages Unit 20: Compound measures and bounds Unit 21: Statistical measures
Half Term 2 Unit 22: Index notation Unit 23: Surds Unit 24: Bearings and scale drawings Unit 25: Construction and loci
Half Term 3 Unit 26: Number recap and extension - recurring decimals, quadratic sequences Unit 27: Congruence and similarity Unit 28: Introduction to trigonometry
Half Term 4 Unit 29: Simultaneous equations Unit 30: Calculating and displaying data 2 - histograms and scatter graphs Unit 31: More graphs - parallel and perpendicular lines
Half Term 5 Unit 32: Volume Unit 33: Advanced algebra - quadratics
Half Term 6 Unit 34: Inequalities Unit 35: Probability 2