MATHEMATICS COURSE OUTLINE

Subject: Mathematics	
Term	**Main Assessment task**
Autumn 1	
• **Number** • **Algebra**	• **End of Unit Test – Number (30 marks approx.)**
Autumn 2	
• **Algebra (continued)** • **Geometry**	• **End of Unit Test – Algebra (30 marks approx.)** • **End of Unit Test – Geometry (30 marks approx.)**
Spring 1	
• **Mensuration** • **Co-ordinate Geometry**	• **End of Unit Test – Mensuration (30 marks approx.)** • **End of Unit Test – Co-ordinate Geometry (30 marks approx.)**
Spring 2	
• **Trigonometry** • **Matrices and transformation**	• **End of Unit Test – Trigonometry (30 marks approx.)** • **End of Unit Test – Matrices and transformation (30 marks approx.)**
Summer 1	
• **Probability** • **Statistics**	• **End of Unit Test – Probability (30 marks approx.)** • **End of Unit Test – Statistics (30 marks approx.)** • **Mock Exam.**
Summer 2	
Revision	**Terminal exam**

Course Description for Mathematics

Description
Cambridge IGCSE (9–1) Mathematics allows learners to: • develop competence and fluency with mathematical concepts, methods and skills   • develop a feel for numbers, patterns and relationships   • develop an ability to consider problems, select appropriate strategies and present and interpret results   • develop the ability to reason, make inferences and communicate using mathematical concepts   • acquire a solid foundation of mathematical knowledge for further study.   Cambridge IGCSE (9–1) Mathematics is accepted by universities and employers as proof of mathematical knowledge and understanding.   The combination of knowledge and skills in Cambridge IGCSE (9–1) Mathematics gives learners a solid foundation for further study. Candidates who achieve grades 4 to 9 are well prepared to follow a wide range of courses including AS & A Level Mathematics.   Cambridge IGCSEs are accepted and valued by leading universities and employers around the world as evidence of academic achievement. Many universities require a combination of Cambridge International AS & A Levels and Cambridge IGCSEs to meet their entry requirements.

Assessment
• Students take either the Core or Extended papers.   • Candidates who take the Core curriculum will be awarded a grade between 1-5; candidates who take the Extended curriculum will be awarded a grade between 4-9.   • Candidates will sit 3 papers for both the Core and Extended curriculums.   • Both the Core and Extended exams are comprised of 3 exams.

Out of class learning including home-learning
Regular homework will be given to students. Homework activities will either be related to the topic they are studying or will used to revise previous topics.

How parents can help
• Ensure students come equipped to lessons.   • Encourage students to regularly read.   • Allow students time at home to complete homework.