



Key Stage 3 – Year 7 and 8

An IKE task will be set weekly on Edulink on Mondays for students to use the knowledge organisers and relevant subject knowledge from previous weeks learning to complete Sparx activities at home, these topics aim to enhance student recall so will be set from topics studied more than a week ago. This will be evaluated and rewarded in class by the class teachers.

Students will need to complete all working out in their blue Sparx book provided by the department and mark their answers as they enter them on Sparx. They should bring this with them on their first lesson of each week to be checked by the teacher, incomplete blue book will result in incomplete homework.

4 or 5 IKE+ activities will be available each half-term, this will consist of tasks designed to enrich and further their subject knowledge, show how maths is used in the real world, engage them with famous mathematicians or take part in competitions run by the department. Students completing these tasks will be rewarded centrally with IKE+ achievement points but also by the department with certificates for best work or participation in department competitions.

Key Stage 4 – Year 9, 10 and 11

Each fortnight, all KS4 students will be set a Sparx task as part of their IKE. This will go out on a Week A Monday, and be due the following Week A Monday. These tasks will specifically include **exam style questions on key topics**, requiring students to apply their knowledge and skills in a format similar to their future assessments, and aim to enhance student recall so will be set from topics studied more than a week ago.

To successfully complete the tasks, students will need to refer to their knowledge organisers and draw on prior learning from class. They will have access to online videos for additional support and can contact their class teacher if they need further assistance. Students will need to complete all working out in their blue Sparx book provided by the department and mark their answers as they enter them on Sparx. They should bring this with them on their first lesson of a week A to be checked by the teacher, incomplete blue book will result in incomplete homework.

Students will receive **instant feedback** on their performance, with the opportunity to retry any incorrectly answered questions. This ensures they are continually improving their understanding and familiarity with the exam format. Teachers may also review these tasks in class, especially if common misconceptions arise during the review process.

Sparx responds to student input and is able to adapt the level of challenge to be appropriate for the individual learner. Support videos explain how to complete each question and students are given unlimited attempts at questions. As such, students are expected to complete their homework task to 100%.

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