



Mathematics across the Curriculum

Fairfield High School for Girls is committed to raising the standard of mathematic skills and knowledge across the curriculum for all pupils. These skills are necessary for pupils to be successful learners, confident individuals and responsible citizens; they are fundamental in empowering pupils to reach their maximum potential.

Mathematical skill is more than an ability to do basic arithmetic. It requires understanding of the number system, a repertoire of mathematical techniques and an inclination and ability to solve quantitative or spatial problems in a range of contexts. It also demands understanding of the ways in which data is gathered by counting and measuring, how it is presented in graphs, diagrams, charts and tables.

Our key aim is for each and every pupil to leave school with:

1. a good grasp of problem solving and to be equipped with a variety of strategies to employ when faced with a problem;
2. a confidence and competence in using and applying Mathematics, recognising that skills are transferable across different subject areas and in a variety of contexts;
3. a mastery of mathematical skills through the whole curriculum.

Teachers support and maintain a growth mind-set and positive attitude towards Mathematics and using mathematical skills. We aim to be aware of appropriate expectations of students and difficulties that might be experienced with mathematical skills and encourage pupils to take pride in their mathematical ability, showing the importance of Mathematics to everyday life.