

STEM



**GEORGE
SALTER
ACADEMY**

Overview

STEM is a curriculum based on the idea of educating students in four specific disciplines: Science, Technology, Engineering and Mathematics. The subjects are integrated into a cohesive learning paradigm based on real-world learning. This is done in a fun and exciting way developing skills which help students to become more independent thinkers.

The George Salter Academy STEM Club has run successfully over the last academic year 2016-17 and has proved particularly popular with our KS3 students. The Club was oversubscribed for the vast majority of the last academic year with more than 30+ students regularly in attendance. In this academic year the club has been received with the same enthusiasm as the previous year and has seen similar numbers of students in attendance.

The students have particularly enjoyed the fact that they employ a variety of different skills to problem solve, specifically highlighting teamwork and practical working solutions. To support with this we plan to enter students into local competitions with the scope of qualifying for national competitions.

The Stem Club is run by: Mr Chirara and Mr Browne who specialise in Design, Technology and Product Design; Miss Dowler who specialises in the scientific element of the activities; Mr Odams who specialises in Engineering and Mr Rippington who specialises in the mathematical element of the activities.