

EMMANUEL COLLEGE
THE TECHNOLOGY DEPARTMENT
Philosophical Statement



The Technology department is dedicated to creating and delivering a curriculum, which is essentially providing students with the widest range of opportunities possible. Technology is a fundamental subject, which educates students in how to analyse and solve problems, produce high-quality solutions and learn how to convert their ideas into working products and prototypes. At the heart of the curriculum is the desire to deliver a broad variety of lessons which prepare our students to be successful in the subject and their wider lives. We aim to achieve this through inspired teaching, thinking and learning that embraces new technologies while also maintaining the more traditional values and skills.

Our curriculum hopes to encourage students to be able to envisage what might exist in the future and then be able to use tools and materials to create and critique that future. This is a unique human ability, which has led to the development of successive civilizations across history. It embodies some of the best and worst of what it means to be human. By teaching young people about technology and engineering we will introduce them to this field of human endeavour and hopefully empower them to become people who see the world as a place of opportunity where they and others can, through their own thoughts and actions, improve their situation.

* The following curriculum documentation is based on many years of teaching students using the mantra 'students learn best by doing'. The terms 'practical work' and 'hands on' are at the heart of everything we do as a City Technology College, and something that we are very proud of. However, these extraordinary times that we as a nation are experiencing due to the coronavirus pandemic has meant that we have had to completely rethink our curriculum. Until lessons return to some level of normality, students will now be taught a greater degree of the theoretical aspects of the subject. We will still endeavour to incorporate elements of practical and hands on work, but in rooms that are not equipped for full scale design and make activities, these elements will be limited.