Technology in Years 7 and 8

Technologies enrich and impact on the lives of people and societies globally. Technologies can play an important role in transforming, restoring and sustaining societies and natural, managed and constructed environments. The Technologies curriculum ensures that all students benefit from learning about and working with traditional, contemporary and emerging technologies that shape the world in which we live. By applying their knowledge and practical skills to create innovative solutions, students develop knowledge, understanding and skills to respond creatively to current and future needs.

In years 7-8 students participate in a rotation of technology subjects. During the 2 year cycle students will be exposed to 2 terms each of: Food and Textiles Technology; Graphical Communication Technology; Information Communication Technology; and Manufacturing and Design Technology.

In Food and Textiles Technology, each term includes both sewing and cooking. By the end of the two year rotation students will have produced an apron and drawstring bag. Students will also learn the skills to create both sweet and savoury snacks.

In Graphical Communication Technology students complete introductory exercises using our College cad package – INVENTOR. Using this, students have created a fixed design BBQ project and a 3D model of a transportation vehicle.

Within Information Communication Technology students have been exploring object orientated programming using a free online website called Scratch. It easily enables the students to create very quick animations and interactive games. Within one lesson students have achieved a cat dancing across the screen to music. The games and animations that they create within their assessments are amazing and students should be proud of their achievements.

During Manufacturing and Design, students are engaged in mostly practical work in the Industrial Skills workshop learning how to use tools and machinery to manufacture themed projects. In addition they are able to add their own design emphasis to most of these projects, inspiring each individual to think, analyse and make effective decisions in relation to production skills and workshop processes. Typical projects undertaken include a paper roll message pad and a design mirror.

Each of these rotations are designed to allow students to experience what each subject has to offer. This breadth of exposure ensures students make an informed decision when electing specialist subjects for years 9-10.