**Design and Technology**

Design and Technologies aims to develop the knowledge, understanding and skills to ensure that students:

* become critical users of technologies, and designers and producers of designed solutions;
* can investigate, generate and critique designed solutions for sustainable futures;
* use design and systems thinking to generate innovative and ethical design ideas, and communicate these to a range of audiences;
* create designed solutions suitable for a range of contexts by creatively selecting and safely manipulating a range of materials, systems, components, tools and equipment;
* learn how to transfer the knowledge and skills from design and technologies to new situations; and
* understand the roles and responsibilities of people in design and technology occupations, and how they contribute to society.