

# Respect matters: Design and Technologies

## Design and Technologies

Through the Design and Technologies curriculum, students develop knowledge, understanding and skills that can play a role in enriching and transforming societies. They become discerning decision makers and develop critical thinking skills as they create ideas, processes and solutions taking social, ethical and sustainability considerations into account. Design and Technologies requires students to use design thinking and respond to the designed world. The design process involves authentic consultation to build empathy and when students involve all stakeholders in the planning, process and outcome, solutions are more likely to be appropriate and respectful. Students develop a sense of pride, satisfaction and enjoyment from their ability to develop innovative designed products, services and environments. This can have a positive impact on their sense of identity. Students typically work collaboratively in groups where they can develop respectful relationships and conflict management skills. The Design and Technologies curriculum is written to engage students from Foundation to Year 8. In Years 9 and 10 it is offered as an elective.

## Evaluating options

### Design and Technologies - Years 9 and 10

Critically analyse factors, including social, ethical and sustainability considerations, that impact on designed solutions for global preferred futures and the complex design and production processes involved

- ACTDEK040

Explain how products, services and environments evolve with consideration of preferred futures and the impact of emerging technologies on design decisions - ACTDEK041

Investigate and make judgments on the ethical and sustainable production and marketing of food and fibre

- ACTDEK044