

VCE Product Design and Technology Unit 3 & 4

OVERVIEW

Product Design and Technology focuses on assisting students to recognise their potential as designers. Students are supported as they assume the role of a designer-maker in the design and creation of a product. In adopting this role, they acquire and apply knowledge of factors that influence design. Students address the design factors relevant to their design situation.

UNIT 3

In Unit 3 students are supported as they take on the role of designer. They design and develop a product that meets the needs and expectations of a client of their choice. They produce a folio that documents their Product design process using the Product design factors and commence production of the designed product. Students explore and analyse influences on the design, development and manufacture of products in industry.

UNIT 4

In Unit 4 students continue to document the production of their product in their folio. Following the completion of their product, they use evaluation criteria, carry out checks and tests, and gain client feedback to determine how well their product meets the needs and requirements outlined in the design brief developed in Unit 3. Students examine design factors that influence the success of commercially available products and use comparative analysis and evaluation methods to make judgments about commercial product design and development.

ASSESSMENT

School-assessed Coursework, School-assessed Tasks and an end-of-year examination determine the student's level of achievement in Unit 3 and 4.

SUBJECT PREREQUISITES

It is strongly encouraged that students have undertaken Product Design Units 1 & 2 or an equivalent subject.

Students should be aware that it involves research as well as the making of objects.