

# VCE Product Design and Technologies (2024–2028)

Unpacking the School-assessed  
Task criteria 1 to 3

# Acknowledgement of Country

The VCAA respectfully acknowledges the Traditional Owners of Country throughout Victoria and pays respect to the ongoing living cultures of First Peoples.



# Current study design

- Accreditation period: 2024 to 2028



# School-assessed Task

## Units 3 and 4

- **Contributes 50 per cent to the study score**
- **Commenced in Unit 3 and completed in Unit 4.**

# Administrative information for School-based Assessment

- Updated annually and published on VCE Product Design and Technologies Study page of the VCAA website
- Contains mandated assessment criteria
- Notification of its publication is published in the February VCAA Bulletin.

# School-assessed Task

- **Unit 3: Ethical product design and development**
  - Area of Study 2: Investigating opportunities for ethical design and production
  - Area of Study 3: Developing a final proof of concept for ethical production
- **Unit 4: Production and evaluation of ethical designs**
  - Area of Study 1: Managing production for ethical designs

# School-assessed Task

Outcomes	Assessment tasks
<b>Unit 3</b> <b>Outcome 2</b> Investigate a need or opportunity that relates to ethics and formulate a design brief, conduct research to analyse current market needs or opportunities and propose, evaluate and critique graphical product concepts.	<ul style="list-style-type: none"><li>• multimodal record of evidence that records:<ul style="list-style-type: none"><li>- formulation of a design brief and gathering evidence of research that explores market needs or opportunities</li><li>- generation, design and evaluation of product concepts</li><li>- justification of final proof of concept</li><li>- scheduled production plan, including progress during the production process and decisions and modifications made to the scheduled production plan.</li></ul></li></ul>
<b>Outcome 3</b> Evaluate product concepts related to ethical design, synthesise and apply feedback to justify a final proof of concept, and plan to make the product safely.	AND <ul style="list-style-type: none"><li>• practical work that demonstrates:<ul style="list-style-type: none"><li>- use of technologies to develop physical product concepts including prototypes and finished product</li><li>- management of time and other resources.</li></ul></li></ul>
<b>Unit 4</b> <b>Outcome 1</b> Implement a scheduled production plan, using a range of materials, tools and processes and managing time and other resources effectively and efficiently to safely make the product designed in Unit 3.	

# School-assessed Task

- The Authentication record form is to be used to record information for each student and must be made available on request by the VCAA.
- Teachers should be aware of the dates of submission of scores into VASS in July and November. These dates are published in the Important Administrative Dates and Assessment Schedule, published annually on the VCAA website:  
[www.vcaa.vic.edu.au/pages/schooladmin/admindates/index.aspx](http://www.vcaa.vic.edu.au/pages/schooladmin/admindates/index.aspx)



# Record of evidence

- **Range of formats such as hard copy, electronic, combination**
- **Can use written, video or audio files to demonstrate response to criteria**
- **Does not need to be A3 hard copy folio**
- **Demonstrated through what student does, makes, says, writes or draws**
  - Evidence collected via the Authentication record form

# SAT assessment criterion 1

- **Skill in conducting and using research to develop the design brief and criteria**

## Indicators

- **Identifies research methods**
- **Conducts ethical research and uses findings**
- **Uses factors that influence design**
- **Identifies design problem that is informed by an ethical consideration**
- **Formulates design brief: end user profile, project scope**
- **Develops criteria**
- **Works technologically**

# SAT assessment criterion 1

## Very high

- **Proposes, explains and undertakes methods of ethical research to explore current market needs or opportunities and gather, present and interpret findings**
- **Uses factors that influence product design to examine, analyse and critique existing ethical products to inform research findings**
- **Formulates a design brief that addresses an ethical problem by using research findings to explain the profile of end user(s) and project scope, which includes considerations and constraints**

# SAT assessment criterion 1

## Very high

- **Develops criteria to inform, justify, evaluate and critique product concepts and to evaluate design processes to make the product as well as the finished product**
- **Works technologically to explain and apply relationships between design brief, evaluation criteria and research activities**

# SAT assessment criterion 2

- **Skill in gathering, using and interpreting research and using design thinking to develop graphical product concepts**

## Indicators

- **Gathers and uses research**
- **Uses design thinking strategies**
- **Acknowledges intellectual property**

# SAT assessment criterion 2

## Very high

- **Uses quantitative and qualitative research and explains the relationships between research and graphical product concepts related to ethical design**
- **Uses creative thinking to generate, refine and critique graphical product concepts related to ethical design that demonstrate the characteristics of each drawing technique**
- **Uses critical and speculative thinking to generate, refine and critique graphical product concepts related to ethical design that demonstrates the characteristics of each drawing technique**
- **Identifies and acknowledges intellectual property (IP) using accepted conventions**

# SAT assessment criterion 2

## Very high

- **Uses quantitative and qualitative research and explains the relationships between research and graphical product concepts related to ethical design**
- **Uses creative thinking to generate, refine and critique graphical product concepts related to ethical design that demonstrate the characteristics of each drawing technique**
- **Uses critical and speculative thinking to generate, refine and critique graphical product concepts related to ethical design that demonstrates the characteristics of each drawing technique**
- **Identifies and acknowledges intellectual property (IP) using accepted conventions**

# SAT assessment criterion 3

**Skill to undertake tests, experimentation techniques and trial processes**

## **Indicators**

- **Uses ethical research methods**
- **Gathers quantitative and qualitative data**



# SAT assessment criterion 3

## Very high

- **Works technologically to gather and use qualitative and quantitative data from tests, experimentation techniques and/or trial processes to evaluate characteristics and properties of materials**

# Command terms

- Important to understand command terms when assessing student work



# Using the assessment criteria

- On balance judgement
- Ranking of student cohort

# Contact

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