



12 Design & Technology

Trial Higher School Certificate Examination 2024

TOPIC: Trial Higher School Certificate Examination	MARKS: /40
SUBMISSION REQUIREMENTS: As per examination timetable. Wednesday 3 rd July 2024	WEIGHTING: 30%
OUTCOMES TO BE ASSESSED: H1.1 Critically analyses the factors affecting design and the development and success of design projects. H2.1 Explains the influence of trends in society on design & production. H6.2 Critically assesses the emergence and impact of new technologies and the factors affecting their development.	
DIRECTIONAL VERBS: <i>Describe</i> – Provide characteristics and features. <i>Outline</i> – Sketch in general terms; indicate the main features of. <i>Explain</i> – Relate cause and effect; make the relationships between things evident; provide why and/or how. <i>Analyse</i> – Identify components and the relationship between them; draw out and relate implications. <i>Discuss</i> – Identify issues and provide points for and/or against. <i>Critically analyse/assess:</i> Add a degree or level of accuracy depth, knowledge and understanding, logic, questioning, reflection, and quality to (analyse/evaluate). <i>See full list here:</i> https://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/hsc/hsc-student-guide/glossary-keywords	

TASK DESCRIPTION:

You are required to sit your HSC Trial Design & Technology Examination (1.5 hours + 5 minutes reading time) The Examination paper is structured as follows:

Section I (10 marks) – Multiple choice

- 10 Multiple choice questions. Use marking grid to select the most appropriate answers.
- Allow about 15 minutes for this section.

Section II (15 marks) – Short Response

- Short answer questions. Answer all questions on the spaces available on the paper.
- Allow about 35 minutes for this section.

Section III (15 Marks)- Extended Response

- Extended response question. Complete in booklet provided.
- Allow about 40 minutes for this part.

Total Marks: 40

Students are expected to have a good knowledge and understanding of all units studied in this course so far. These units include:

H1.1 The factors affecting design. (*)

H1.2 Practices & processes of designers

H4.1 Identifying a need/opportunity and exploring ideas for development.

H5.1 Managing the development of a quality MDP. (*)

H6.1 Justifying activities undertaken in the MDP through the study of industrial & commercial practices.

H3.2 Using creative and innovative approaches in design & production.

H5.2 Selecting & using appropriate research methods and communication techniques.

H4.2 Selecting and using resources responsibly.

H3.1 The factors that influence innovation and the success of innovation. (*)

H2.1 The influence of trends in society. (*)

H2.2 The impact of design & innovations on society and the environment.

H6.1 The emergence and impact of new technologies. (*)

Students are also advised to familiarise themselves with the case studies addressed in class and the design case study completed for assessment one.