

Achievement Standard 3.1

Technology – General Education

Number 90613

Develop a conceptual design to address a client issue

Level 3

Credits: 8

Assessment: Internal

**Resource Notes and practical
assessment ideas**

This achievement standard involves the use of project management tools to support brief development, modelling, testing and evaluation of a conceptual design that addresses a client issue.

Project Management

Stage 1

Prepare a brief

Your brief should include the following:

- Identify the **need/opportunity**
- Identify the **client** – the primary stakeholder.
- **Conceptual** concept. Give a description of the solution and its objectives.
- **Key factors** – explain the main implications of your project, including
 - Other stakeholders such as beliefs, ethics, values, ability to address knowledge and skills, and social position
 - Broader factors such as legal, social, cultural, political, environmental and economic including future trends of technological innovation
 - Resource such as availability and/or accessing of equipment, knowledge and skills.
- Identify other key factors that will assist the technological practices you require for your project.
- Prioritise key factors and justify
- Outline the detailed **specifications**. These should be set out so the success or otherwise of the outcome can be tested.
- Identify the **constraints** to be met – could be time planning, hardware, software, need of professional advice in design, need for training.

Development

- Select resources required on a basis of relevance. These must include.....