Exemplar for Internal Achievement Standard

Digital Technologies Level 2

This exemplar supports assessment against:

Achievement Standard 91891

Apply conventions to develop a design for a digital technologies outcome

An annotated exemplar is an extract of student evidence, with a commentary, to explain key aspects of the standard. It assists teachers to make assessment judgements at the grade boundaries.

New Zealand Qualifications Authority

To support internal assessment

	Grade: Excellence
1.	For Excellence, the student needs to apply conventions to develop a refined design for a digital technologies outcome. This involves justifying how the chosen design addresses implications, end-user considerations, and uses appropriate conventions. There is no student work currently available at this grade. The student justifies how the chosen design addresses implications, end-user considerations, and uses appropriate conventions. For example, they justified how the outcome's functional and aesthetic features would address the relevant implications, the requirements of the end-user, and how it would use appropriate conventions.

	Grade: Merit
2.	For Merit, the student needs to apply conventions to develop an informed design for a digital technologies outcome. This involves: - using feedback gained from modelling to improve the design - explaining how the chosen design uses appropriate conventions - addressing relevant implications and end-user considerations. There is no student work currently available at this grade. The student has used feedback gained from modelling to improve the design. For example, they provided initial designs followed by feedback obtained from potential users, which was used to improve the designs. Further mock-ups for a chosen concept show that user feedback has resulted in clear changes to make the design more effective. The student has explained how the chosen design uses appropriate conventions, for example by explaining what conventions they chose and why. Conventions will depend on the outcome type being developed. The student has shown how their designs address at least two identified relevant implications and end-user considerations. For a digital media outcome this could include designs, images and text that is culturally and socially appropriate, and ensuring that website navigation is intuitive.

	Grade: Achieved
3.	For Achieved, the student needs to apply conventions to develop a design for a digital technologies outcome.

This involves:
- describing the purpose of the outcome and the requirements of the end-users
- investigating and applying relevant conventions
- generating and modelling a range of design ideas
- selecting a design for the purpose of the outcome and explaining the appropriateness of the design
- explaining relevant implications.

There is no student work currently available at this grade.

The student has chosen a specific purpose and requirements for end-users for their website, i.e. *"The debating team need a website where they can show potential debaters, and the wider school community, what is involved in this activity, and where they can celebrate successes and advertise upcoming debates. The site needs to have information related to both junior and senior debaters."*

The student has generated and modelled a range of design ideas with a series of possible site layouts. They have also experimented with different colours, backgrounds and font options. Wireframes have been created for the initial layout of the page, followed by mock-ups showing various options.

The student has selected a suitable website design. They have explained the appropriateness of the design by explaining why it is suitable for the intended purpose and the audience/end-users.

The student has shown how they have investigated and applied relevant conventions. This could include:
- investigating a range of potential conventions relevant to their planned outcome type
- using concepts such as contrast, repetition, alignment, proximity and white space to lay out their magazine or website
- using a range of design conventions that could include circuit schematics (sketches or CAD) and user interface mock-ups for an electronics outcome.

At least two relevant implications have been identified and explained for the design. For a digital media outcome, this could include accessibility concerns and meeting intellectual property requirements. The student has explained what the relevant implication is, why it is relevant to their design, and how they might address the implication. |