

## Internal Assessment Resource

**Achievement standard:** 91907

**Standard title:** Use complex processes to develop a digital outcome

**Credits:** 6

**Resource title:** Interactive Community

**Resource reference:** Digital Technologies & Hangarau  
Matihiko 3.8B Version 1

### Student/Ākonga instructions

#### Introduction/Kupu Arataki

This assessment activity requires you to plan, develop and create a complex digital media outcome. The tasks you will undertake in this assessment form parts of the other assessments you will also complete as part of this long-term project.

You will be assessed on

- how effectively you use project management tools and techniques to plan and manage the development of a digital outcome
- how effectively you decompose the problem into smaller components, and test and refine your media outcome so that it is a high-quality response to the task
- how well you have addressed relevant implications
- how well you synthesize information from the planning, testing and trialling of components to develop a high-quality outcome and discuss how this information assisted in the development of a high-quality outcome.

**Due Date: September 23rd**

#### Task/Hei Mahi

Use complex processes to develop an interactive digital media outcome for an identified need within your school or community. Note: You may choose any digital media outcome such as a website, video, animation or interactive ePub, upon consultation with your teacher.

Some form of interactivity is required. This could be in the form of navigation or the use of layers within an image processing package.

The outcome needs to be published in a format that is usable on multiple types of device.

Use complex processes to develop a refined digital outcome involves synthesising information from the planning, testing and trialling of components to develop a high-quality outcome and discussing how this synthesis assisted in the development

of a high-quality outcome. An outline of the process can be found below.

### **Step 1 – Ideate - Discover and Plan (Inquiry & Proposal Assessment Task)**

- a) You will begin by researching your local community and talking to community members to decide what potential ideas you will investigate further.
  - i) You can use any of the following methods to assist you to make this decision: research, mind maps, brainstorming, pros and cons lists alongside class or group discussions.
  - ii) You could use online tools to help gather, share, analyse and store this data and information.
  - iii) Once you have made your initial decision regarding the outcome you wish to develop, you will need to draft a plan that will support the ongoing development of your outcome.

This should include how you propose to manage the development and/or workflow environment to store, share and manage data, including user feedback and multiple versions of your work. Your plan should show how you will address relevant implications as you develop the outcome.

- b) In a project management tool of your choice, set up milestones/key point indicators.
  - i) Within this you need to break down (decompose) your outcome into smaller components and plan the trialling of these components
  - ii) Make sure you share this with your teacher so that they can make sure you are meeting your deadlines.
  - iii) Once the planning phase is completed, and signed off by your teacher, go on to design, develop and test step.

### **Step 2 – Design, Develop and Test (Design & Outcome Assessment Tasks)**

- a) Develop your media outcome so that it addresses all the requirements and relevant implications.
- b) Using your project management plan, approach the smaller chunks of work (components) and trial and test them to inform your next steps and the refinement of your outcome.
- c) You may use your project management tools to record and gather evidence of testing, trialling and feedback. Alternatively, you could take screen captures, recorded in a simple table showing dates, images and a brief statement identifying the stage of your process. You could also capture the process using screencasts. Whatever approach you use, be sure to annotate/discuss the changes you have made and why.

### **Step 3 – Reflection and Evaluation**

- Use the evidence you gathered during Steps 1 and 2,
- Synthesise the information from the planning, testing and trialling of components to develop a high-quality outcome.
- Discuss how this information lead to the development of a high-quality outcome.

This should include evidence of how the outcome addresses relevant implications.