

**Otahuhu College**  
**Digital Technologies Department**



**Internal Assessment**

**Achievement Standard 91907**

**Level 3**

Use complex processes to develop a digital technologies outcome

**Resource title: Muesli Bars Box**

**6 credits**

Achievement	Achievement with Merit	Achievement with Excellence
Use complex processes to develop a digital technologies outcome.	Use complex processes to develop an informed digital technologies outcome.	Use complex processes to develop a refined digital technologies outcome.

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**Authenticity Statement**

Student: I understand that the work I submit for this assessment must be my own. I understand that if it was appropriate to source information then that information must be acknowledged in the appropriate manner. I understand that I may be required to identify my sources if there is any question about the authenticity of this work. I have acknowledged that plagiarism and/or collusion will result in disciplinary action, which may make me ineligible for a grade in this standard.

**Student Name:**

**Whanau Class:**

**Signature:**

**Date:**

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## Student/Akonga instructions

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### Introduction/Kupu Arataki

This Assessment activity requires you to design and create a Muesli Bars Box for a start-up company called 'Gaia Foods Ltd'. This company is located in a remote Island in the South Pacific called Ofu and their products has become a household item for people's grocery shopping list.

Details and specifications of the box will be provided in a separate document.

You are going to be assess on how well you use a development process to plan, trial and test the development of a digital technologies' outcome.

Due date:

Timeframe:

### Task/Hei Mahi

You are going to plan, design and create the box on A3 size paper.

### Complex processes that you could use in this project include:

- Using recognised and appropriate project management tools and techniques to plan the development of a digital technologies' outcome.
- Decomposing the digital technologies outcome into smaller components.
- trialling components of the outcome.
- Testing that the digital technologies outcome functions as intended.
- Addressing relevant implications.

### Data, Specifications and Planning

The outcome would have considered the following requirements:

- Planning and/or project management must be done on Microsoft Teams and the outcome must be handed in to your Student Dropbox folder.
- The outcome will be created with graphics software and can be saved/exported as pdf.
- The outcome must be printed on A3 paper.
- The outcome may or may not include crop marks and/or bleed marks.
- Logo and other graphics needed for the outcome may be provided and must be enhanced or edited in Photoshop or Gimp or any other image-editing software to meet the purpose.

## Legal and ethical issues

Legal and ethical issues refer to the social implications of the outcome within an organisation and the wider community. Issues could include, but are not limited to (you must include 3 issues from the following):

- Licensing
- Creative commons
- Copyright
- Attribution
- Digital ownership
- Privacy
- Functionality
- Access to information
- Method of publication
- Implication of the longevity of digital content on the internet.

You must acknowledge all text and graphics included in your work which is not yours. (For example, issues relating to copyright and privacy – refer to the Techlink website at <http://www.techlink.org.nz/Case-studies/IP/index.htm>.)

## Tasks

Measure the exact length and width of the design before you draw them in Indesign.

All the images will be provided.

**Assessment schedule/Mahere Aromatawai: Digital Technologies & Hangarau Matihiko AS 91907**

<b>Evidence/Judgements for Achievement/Paetae</b>	<b>Evidence/Judgements for Achievement with Merit/Kaiaka</b>	<b>Evidence/Judgements for Achievement with Excellence/Kairangi</b>
<p>Use complex processes to develop a digital technologies outcome.</p> <p>The student has:</p> <ul style="list-style-type: none"> <li>Used recognised and appropriate project management tools and techniques to plan the development of a digital technologies' outcome.</li> <li>Decompose the outcome into smaller components.</li> <li>Trial the components of the digital technologies' outcome.</li> <li>Test the digital technologies outcome to make sure it functions as intended.</li> <li>Address relevant implications.</li> </ul> <p><b>For example (partial evidence)</b></p> <p>They have:</p> <ul style="list-style-type: none"> <li>Use software such as Trello for project management.</li> <li>Use InDesign for page layout and photoshop for image editing. The planning was done on Microsoft Teams.</li> <li>Draft of the logo were printed in colour using Photoshop and draft of the muesli bars box was printed using InDesign to check if it meets the purpose.</li> <li>Address relevant implications related to the digital technology outcome.</li> </ul>	<p>Use complex processes to develop an informed digital technologies outcome.</p> <p>The student has:</p> <ul style="list-style-type: none"> <li>Effectively use project management and version control tools and techniques to manage the development of a digital technologies' outcome.</li> <li>Effectively trial multiple components and/or techniques and select those which are suitable.</li> <li>Effectively use information appropriately from testing and trialling to improve the functionality of the digital technologies' outcome.</li> </ul> <p><b>For example (partial evidence):</b></p> <p>The student has created a draft then ask the teacher:</p> <ul style="list-style-type: none"> <li>To check the logo, layout, colours, size etc.</li> <li>the display of the output is clear and easy to read and understand</li> <li>the dimensions and measurements are correct.</li> </ul> <p>The student has:</p> <ul style="list-style-type: none"> <li>Addressed relevant implications in the technological outcome</li> </ul> <p><b>For example (partial evidence):</b></p> <p>They have tested the information to ensure it is accessible, easy to use and functions as intended. They have included links/references to any copyrighted material.</p>	<p>Use complex processes to develop a refined digital technologies outcome.</p> <p>The student has:</p> <ul style="list-style-type: none"> <li>Synthesising information gained from planning, testing, and trialling of the components.</li> <li>Discussing how this information led to the development of a high-quality digital technologies' outcome.</li> </ul> <p><b>For example (partial evidence):</b></p> <p>They make changes to draft1 and liaise with the stakeholder to make sure they're on the right track and they're also using appropriate resources.</p> <p>They check their work regularly with the teachers and the stakeholders using Microsoft Teams.</p> <p>The student printed at least 2 drafts to check the screen resolution output vs paper output.</p>

<p>The student has:</p> <ul style="list-style-type: none"><li>• applied appropriate data integrity and testing procedures</li></ul> <p><b>For example (partial evidence)</b></p> <p>Text and graphic information are checked to make sure it is appropriate to the purpose, and it may not offend anyone or harm anyone.</p>		
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Final grades will be decided using professional judgement based on a holistic examination of the evidence provided against the criteria in the Assessment schedule.