


Complete your research for *A Walk on the Wild Side*.

i By now you will have some idea about the direction you are interested in taking your project. Remember that you need to address the following context:

Innovations or exciting new products and trends are developed when people think creatively, use materials in new ways, develop new materials and processes or think of wild ideas and make them happen. New Zealand is a wild and diverse country with a range of opportunities for the development of new products.

 1. Complete the following research steps to inform the development of an outcome.

a. Identify a person of choice, for whom you would like to develop an outcome. Develop a questionnaire to gain information about the development of a suitable design.



Some tips on writing a questionnaire:

- no need to ask their name but you do need to include some information about what you are doing and why,
- make it multiple choice,
- group the answers (e.g. are you 10-15yrs /16-19yrs/20-25yrs). This way, you shouldn't offend them!
- profile the person (age group/gender/possible interests/area they live/where they would like to travel, etc.),
- ask specific questions about what styles they like,
- ask for further comments in relation to the context you are investigating. By this stage, the person should have an idea of what you are looking for.



Thank you for agreeing to provide me with feedback for my Year 10 Technology project. The brief to be investigated is:

Innovations or exciting new products and trends are developed when people think creatively, use materials in new ways, develop new materials and processes or think of wild ideas and make them happen. New Zealand is a wild and diverse country with a range of opportunities for the development of new products.

I intend to develop some jewellery to address this brief and would appreciate it if you could answer the following questions to help me design a product that may address your needs.

- 1) Which of the following best describes your age?
10-15 years ☐ 16-19 years ☐ 20-25 years ☐ older ☐
- 2) Are you
Male ☐ Female ☐
- 3) What are your favourite indigenous flowers?
- 4) What are your favourite indigenous birds?
- 5) Describe your preferred style of jewellery.
- 6) Have you ever had an allergic reaction to jewellery? If so, please describe the materials and circumstance.

I appreciate your time.

These suggested answers are superimposed on what's in the student book.

b. Ask some identified stakeholders to complete your questionnaire then write about your key findings below. Explain their importance in the development of your outcome.

If a range of stakeholders are asked then the student may wish to look at the trends to help them design some jewellery which addresses a range of needs (therefore making the product more viable for a commercial market). Alternatively, they may wish to choose a design which caters specifically for an individual with the product being a 'one-off' design. Either is fine.

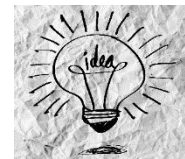
Determine key factors for consideration

i When you are developing design ideas they need to be informed by research. This way you are then able to sort your thinking and determine which are going to be the best to pursue. Prioritising your ideas by determining the key factors of your design is an effective way of managing your project.

You will need to consider:

Stakeholders:

1. you, the designer, your skills, goals or interests,
2. your teacher and classmates (working alongside you),
3. the requirements of the user or user group (function, aesthetics, ergonomics, values, culture, beliefs).



Resources:

1. time,
2. cost,
3. equipment,
4. materials.



Legal constraints:

1. the requirements of the environment where the product will be used (social and physical).

Generate and describe your designs

✍ 1. Complete your design ideas below. List the key attributes so that your stakeholder can indicate their preferences.

Design 1: e.g. *Monarch butterfly*



Key attributes

- *half of each butterfly on each ear*
- *made out of transparent materials*
- *bendable*
- *suitable for earrings and pendant*
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Design 2: *Koru*



Key attributes

- *made out of wood*
- *carved*
- *attached with leather rather than a chain*
- *suitable for pendant and brooch*
- *well known as being a New Zealand icon*
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Design 3: *Pohutakawa*



Key attributes

- *Made out of aluminium wire and plastic [flower]*
- *attached by crimping the ends together*
- *suitable for pendant, earrings and brooch*
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Design 4: *Weta*



Key attributes

- *made out of wire or wood*
- *made famous with the Lord of the Rings trilogy so will be recognised as being from New Zealand*
- *suitable for a larger piece of jewellery*
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