



YEAR 10 TEXTILES TECHNOLOGY

“Upcycling”

Due Date: Thursday 9 th April, 2020 (Week 11)	Assessment Name: ‘Upcycling’ Case Study
Mark: A / B / C / D / E	Weighting: 20%

SYLLABUS OUTCOMES TO BE ASSESSED:

TEX5-2 Justifies the selection of textile materials for specific end uses

TEX5-3 Explains the creative process of design used in the work of textile designers

TEX5-7 Evaluates the impact of textiles production and use on the individual consumer and society

DIRECTIVES TO BE ASSESSED:

Justify – Support an argument or conclusion

Explain – Relate cause and effect; make the relationships between things evident; provide why and/or how

Evaluate - Make a judgement based on criteria; determine the value of

BACKGROUND

There has been an increase in the amount of textiles waste in recent years. This is a result of several issues in the textiles industry such as the constant changes in fashion trends, resulting in an enormous amount of good quality clothes being dumped in landfill.

Sustainability in the textiles industry has become a hot topic due to the carbon footprint. Recycling is one way of reducing the clothes in landfill, but this in itself increases the pollution due to the recycling processes. *Upcycling* is a unique and creative method of reducing waste. It refers to the use of unwanted textiles products being repurposed into new creations.

TASK DESCRIPTION: Use ‘Canva’ Presentation or ‘Microsoft Sway’ Presentation to present your findings for questions 1 – 7.

Sustainability in the Textiles/Fashion Industry:

1. Define the term Sustainability, Recycling and Upcycling.
2. What are some of the global concerns associated with sustainability in the textiles industry?
3. **Choose a fibre to investigate** – either a natural, synthetic or regenerated.
 - a) What are the properties of this fibre?
 - b) What sort of textile products is this fibre used to make?
 - c) What are the costs of the production of this fibre and how does it *compare to a different fibre* (for example, if investigating synthetic/man-made polyester, compare it to a natural fibre such as cotton).
PRESENT THIS INFORMATION IN A TABLE
 - d) How is this fibre produced? What are the environmental impacts with the production of this fibre?
 - e) Can this fibre be recycled? If so, how is it recycled? What are the environmental impacts with the recycling of this fibre?

- f) Does this fibre decompose? When this fibre is dumped in landfill, how long does it take to decompose? What are the environmental impacts of this fibre decomposing (or not decomposing?)

Upcycling Textile Products

4. How is upcycling different to recycling? Create a Venn Diagram to compare these differences.
5. Investigate a range of designers' who upcycle materials and products. What sorts of products and materials have been upcycled?
6. Select one Textile Designer who uses 'Upcycling' as their main source of design.
 - a) Provide a brief history/background about the designer
 - b) Describe and explain their main sources of inspiration
 - c) Create a one page collage with images of their textile work
 - d) Choose ONE upcycled product that they have used to investigate in more detail.
 - i) What was/were the original item/s?
 - ii) How was it upcycled into the new item/s?
 - iii) What do you like/dislike about this product? (Be specific and consider how the designer used and applied the elements and principles of design).
7. How do you think you have incorporate discarded textiles products/items into your own upcycled tote bag design? Provide a brief description.

The Nature of Work in the Australian Textiles Industry

8. Complete 'The 'Nature of Work in the Australian Textiles Industry' Worksheet attached to this assessment task notification (Internet/ICT Research Task).

STUDENT CHECKLIST

- Have you answered every question?
- Have you creatively presented your work using 'Canva' Presentation or 'Microsoft Sway' Presentation?
- Have you completed the attached worksheet about 'The Nature of the Australian Textiles Industry'?
- Have you attached all files to the submission box on Google Classroom and submitted your work on Google Classroom by the due date?

The Nature of Work in the Australian Textiles Industry

ICT Activity: Use video clips shown in class and the Internet to research the answers to the following questions about the nature of the Australian Textile Industry.

Here are some websites to get you started.

- tcfaustralia.com/
- www.fairwork.gov.au/employee-entitlements/types-of-employees/outworkers
- ethicalclothingaustralia.org.au/
- www.abc.net.au/newsfashion-environmental-impact-of-your-favourite-textiles

What does TCF Australia provide for the textiles industry?

An Outworker or homeworker is someone who

Workers in Australia are protected by Work Health and Safety (WHS) legislation. The aim of this legislation is to:

What is 'Ethical design'?

What is the role of Ethical Clothing Australia (ECA)?

List examples of non-ethical clothing production.

Why do you think there has been an increase in demand for ethical clothing in Australia?

How can consumers shop more ethically?

MARKING GUIDELINES

Guideline	Mark/Grade
<ul style="list-style-type: none"> • Comprehensive investigation of fibre and justification of the selection of textile materials for specific end uses. • Highly detailed explanation of the creative process of design used in the work of textile designers • Extensive evaluation of the positive AND negative impact of textiles production and use on the individual consumer and society. • Student provides a highly detailed explanation of how upcycling has been incorporated into their tote bag design 	A
<ul style="list-style-type: none"> • In depth investigation of fibre and justifies the selection of textile materials for specific end uses. • Thorough explanation of the creative process of design used in the work of textile designers • Detailed evaluation of the positive AND negative impacts of textiles production and use on the individual consumer and society. • Student provides a detailed explanation of how upcycling has been incorporated into their tote bag design 	B
<ul style="list-style-type: none"> • Satisfactory investigation of fibre and justifies the selection of textile materials for specific end uses. • Satisfactory explanation of the creative process of design used in the work of textile designers • Sound evaluation of the positive and/or negative impacts of textiles production and use on the individual consumer and society. • Student provides a satisfactory explanation of how upcycling has been incorporated into their tote bag design 	C
<ul style="list-style-type: none"> • Basic fibre investigation and a simple justification of the selection of textile materials for specific end uses. • Some relevant points about the creative process of design used in the work of textile designers • Basic evaluation of the impact of textiles production and use on the individual consumer and society. • Student identifies how upcycling has been incorporated into their tote bag design 	D
<ul style="list-style-type: none"> • Limited fibre investigation and attempts to justify the selection of textile materials for specific end uses. • Identifies the creative process of design used in the work of textile designers • Minimal evaluation of the positive and/or negative impact of textiles production and use on the individual consumer and society. • Student provides limited detail of how upcycling has been incorporated into their tote bag design 	E