Get Into Textiles – Recycled and Sustainable Textiles

**ABC ME screening details: Monday 27 April**, 2020 at 1:45pm

This episode can also be viewed on [ABC iView](https://iview.abc.net.au/show/get-into-textiles) after the scheduled screening time.

**Key learning areas:** technology mandatory, textiles technology

**Level:** secondary

**About:** This resource shows how textile designers are meeting the challenge from government and consumers to meet the 6Rs. Case studies include shoes made from old tyres and seatbelts and bags made from recycled materials.

## Before the episode

1. Brainstorm ways in which textile items can be recycled.

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## During the episode

1. The program looks at a number of different materials being recycled into new products. Why is there a need to recycle or re-use textile items?

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1. Using recycled materials to produce fashion items requires a different approach to designing. Outline the design process used when working with recycled textile items. How does this differ from the design process of a traditional textile item?

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## After the episode

1. List the environmental impacts of the mass production of textile items. How were these impacts reduced by the companies shown in the program? Suggest other ways these impacts could be reduced.

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1. The program showed examples of how large corporations had reduced their environmental impact by working with designers. Outline how other businesses could work with designers to reduce their environmental impact. Explain the benefits for a business to work with designers to re-use and recycle its textiles.

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1. There are a variety of factors that affect consumer demand, selection and use of textiles. Outline these factors and explain their impact on consumers and society.

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**Follow up activity:** Identify three textile products in your home. Sketch three different design ideas from the repurposing of these products.

## NSW teacher notes

This is an optional standalone resource that could supplement student learning. The activities align with syllabus outcomes across stages and can be modified to meet the needs of your students. Students can complete the activities while learning at home and in the classroom. All activities can be completed without access to the internet or a device. Teachers could collect student work to offer feedback and as evidence of learning.

### Learning intentions

* To gain an understanding of how textiles can be developed and used sustainably.

### NSW KLA K-10 Syllabus outcomes

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| Objectives | Stage 4 outcomes |
| how traditional, contemporary and advancing technologies are used when designing sustainable products and solutions | investigates how the characteristics and properties of tools, materials and processes affect their use in designed solutions (TE4-9MA) |
| the role of people and technologies in developing innovative solutions for preferred futures | explains how people in technology related professions contribute to society now and into the future (TE4-10TS) |

### NSW Textile Technology 7-10 Syllabus outcomes

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| Objectives | Stage 4 outcomes | Stage 5 outcomes |
| knowledge and understanding of, and skills in design for a range of textile applications | describes the creative process of design used in the work of textile designers (TEX4-3) | explains the creative process of design used in the work of textile designers (TEX5-3) |
| knowledge and understanding of the significant role of textiles for the individual consumer and for society | identifies factors affecting consumer demand, selection and use of textiles (TEX4-7) | evaluates the impact of textiles production and use on the individual consumer and society (TEX5-7) |

[Technology mandatory 7-8](https://educationstandards.nsw.edu.au/wps/portal/nesa/k-10/learning-areas/technologies/technology-mandatory-7-8-new-syllabus) and [Textiles technology 7-10](https://educationstandards.nsw.edu.au/wps/portal/nesa/k-10/learning-areas/technologies/textiles-technology-2019) © NSW Education Standards Authority (NESA) for and on behalf of the Crown in right of the State of New South Wales 2020.