# Get Into Textiles – ICT In Textiles: Design, Practice And Process

**ABC ME screening details:** Monday 11 May, 2020 at 1:50pm

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

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

**Level:** secondary

**About:** This resource looks at the impact of new technology on the global fashion and textile industry. A top fashion design house shows how ICT, CAD and CAM has revolutionised the way they communicate.

## Before the episode

1. List ways in which ICT could assist in the design and manufacture of textile items.

## During the episode

1. What is a mood board and how are they created? How are ICTs used in the development of the mood board?
2. Outline three advantages of using specialist software to sketch textile items.
3. How does ICT increase productivity and save time throughout the design and manufacturing process?

## After the episode

1. List a range of ICT technologies (scanners, for example) used in the design of textile items and outline how they speed up the design, manufacture, distribution and sale of textile items.
2. The episode showed how data is more accessible and easier to analyse using ICTs. Outline how modern designers use data to improve designing, marketing and testing throughout the design process. How has the use of data in the textiles industry improved the experience for consumers?

**Follow-up activity:** Create your own mood board for re-styling your room. You can cut images out of magazines or newspapers.

# NSW teacher notes

This is an optional standalone resource that can 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 or in the classroom. All activities can be completed without access to the internet or a device. Teachers can collect student work as evidence of learning and to provide feedback.

## Learning intentions

* To identify how technology aids the design and manufacture of textile items

## Resources

* scissors, glue

## NSW Technology Mandatory 7-8 Syllabus outcomes

|  |  |
| --- | --- |
| 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 Textiles Technology 7-10 Syllabus outcomes

|  |  |  |
| --- | --- | --- |
| 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) |

[Technology mandatory 7-8](https://educationstandards.nsw.edu.au/wps/portal/nesa/k-10/learning-areas/technologies/technology-mandatory-7-8-new-syllabus) 2017 and [Textiles technology 7-10](https://educationstandards.nsw.edu.au/wps/portal/nesa/k-10/learning-areas/technologies/textiles-technology-2019) 2019 © NSW Education Standards Authority (NESA) for and on behalf of the Crown in right of the State of New South Wales. See the [NESA website](https://educationstandards.nsw.edu.au/wps/portal/nesa/mini-footer/copyright) for additional copyright information.