



Fashion design resource set

▼

Teacher Guide





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Welcome

Designed for all teachers and high school students, this unit of work is focused around the design brief:

Design an outfit made from cotton, featuring a fashion print that represents our modern Australian cotton industry. Draw inspiration from the cotton plant, farming &/or the values of the people that make our industry great.

This Cotton Education Resource Set is linked to dynamic resources such as video, websites, research, and case studies. This unit is aimed at secondary students in line with Fashion Applied Senior Syllabus and Textiles & Design however, it is not limited to this alone and is of great value to students across design and creative industries. The outcome of these activities is a design folio which may be utilised to showcase your students' skills and aesthetic when applying for tertiary study of Fashion.

Additional resources

Whether it is ideas for incorporating fashion design with cotton in the classroom, great teaching resources, or information for a school project, the Cotton Australian Education Kits contain all you need to know about cotton.

To see all our education kits available visit; <https://cottonaustralia.com.au/education-kit>

Overview of resources available

Resource set 1: Australian cotton the renewable resource for fashion design

Lesson 1 Circular Fashion 1: Safe & renewable fibres

Resource set 1 Slide Deck Slides 1-26

Worksheet: Circular fashion

Links to video resources:

Australian Cotton naturally the best

Make Fashion Circular

The Story of Microfibres

Cotton Research and CSIRO in Canberra

Goondawindi Circular Cotton Project

Circular fashion design is based on three principles, all led by design:

Eliminate _____ and _____

Keep products and materials _____

and _____ natural systems.

In a circular fashion system garments are:

or renewable inputs.

Used more.

Made to be made again

An example of this is:

Made from safe and recycled

Deadstock fabric because

Recycled fabric but if you are using recycled polyester you should consider that

Design for emotional durability as well as physical durability. This can be created by

Australian cotton fashion & millinery. Made & Piv captured by Natalie Troner

Australian cotton growing in a field

Australian cotton fashion & millinery. Made & Piv captured by Natalie Troner

Link to online exhibition:

Australian Cotton: The World's Finest Textile by Australian Fashion Council

Lesson 2 Designing with Australian cotton

Resource set 1 Slide Deck Slides 27-53



- TRUE TRUE LIE activity
- Cotton fabrics
- Characteristics of cotton
- Why design with Australian cotton?

Worksheets:

Why design with Australian cotton?

Cotton fabric types

Why do fashion designers choose Australian cotton?

Hand & Eye Country Brand

Cotton characteristics and properties for *fashion design*

Characteristic	Benefit for fashion design
Absorbent	Great for drying and print designs, as cotton takes colour well and retains colour for a long time
Hypoallergenic	
Soft	
Does not produce static electricity	
Drains can be easily removed	
Not easily damaged by sunlight	
Breathable	
Good conductor of heat	
Easy to handle and sew	
Durable	
Easy care: machine washable	

Cotton fabric types for *fashion design*

Can use the attributes of cotton fabric to make a *signature* for your own fabric, to set you apart from your competitors

Cotton fabrics with <i>texture</i>	Cotton fabrics with <i>texture</i>
Cotton fabrics that are <i>fine</i>	Cotton fabrics with <i>crisp texture</i>
Cotton fabrics that are <i>light medium weight and fine</i>	Cotton fabrics it would be like to design with

It's like these

Cotton fabric types for fashion design

Fabric examples


Fabrics


<ul style="list-style-type: none"> Quilting, Quilting, Sewing, Sewing Curtain Ties / Quilting Cloth, Quilting Cloth Bedroom Applique / Applique Cloth 	<ul style="list-style-type: none"> Quilting, Quilting, Sewing, Sewing Bedroom Applique / Applique Cloth Quilting, Quilting, Sewing, Sewing 	<ul style="list-style-type: none"> Quilting, Quilting, Sewing, Sewing Bedroom Applique / Applique Cloth Quilting, Quilting, Sewing, Sewing 	<ul style="list-style-type: none"> Quilting, Quilting, Sewing, Sewing Bedroom Applique / Applique Cloth Quilting, Quilting, Sewing, Sewing
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Cotton fabric types for *fashion design*

(Can you find examples of cotton fabrics for each category? Find your own fabric libraries, or use our images provided)


Cotton fabrics with *flowers*





 Search for:

- floral
- floral print
- floral pattern
- floral design
- floral print
- floral pattern
- floral design
- floral print
- floral pattern
- floral design


Cotton fabrics with *leaves*





 Search for:

- leaves
- leaves print
- leaves pattern
- leaves design
- leaves print
- leaves pattern
- leaves design
- leaves print
- leaves pattern
- leaves design


Cotton fabrics that are *plaid*





 Search for:

- plaid
- plaid print
- plaid pattern
- plaid design
- plaid print
- plaid pattern
- plaid design
- plaid print
- plaid pattern
- plaid design


Cotton fabrics with *stripes*





 Search for:

- stripes
- stripes print
- stripes pattern
- stripes design
- stripes print
- stripes pattern
- stripes design
- stripes print
- stripes pattern
- stripes design


Cotton fabrics that are *light medium weight and soft*




 Search for:

- light
- light print
- light pattern
- light design
- light print
- light pattern
- light design
- light print
- light pattern
- light design

Cotton fabrics I would like to design with


 Search for:

- light
- light print
- light pattern
- light design
- light print
- light pattern
- light design
- light print
- light pattern
- light design

Overview of resources available

Resource set 1: Australian cotton the renewable resource for fashion design

Lesson 3 Circular fashion 2: Considered design

Resource set 1 Slide Deck slides 56-65

Worksheet: Circular Fashion Design A3

A3 posters:

Circular Fashion Design

Continuous garment lifecycles: consumer & designer thinking for circular fashion

Source safe and recycled or renewable fibres

- ✓ Safe for the people that make the fibres, and live in the surrounding community
- ✓ Safe for our planet – when created, used and at end of life

Cotton has a natural place in the circular economy. Cotton is biodegradable, renewable and recyclable and it doesn't have the microplastics problem associated with synthetic fabrics. It is also able to be regenerated on cotton farms that have sustainability programs in place, such as the myBAP program in Australia.



Plan for end of garment life

When sourcing all materials consider, is there a system for re-collecting (efforts during manufacture and the garment at end of garment life). If you are going to such measures – be sure to share your process and systems. Be proud of the measures you are taking. Post consumer waste is often far removed from the consumer's mindset. This storytelling can contribute to the Emotional durability of your designs. For ideas see the website of Australian fashion label A.BCH



Considered design so that:

- your garments are made to be made again and can have multiple users, consider universal design principles.

Today less than 1% of clothes are recycled into new clothes. This is due to clothing being created without considering its ability to be recycled, for example using complex material blends or hard to separate components. This limits the incentives to invest in the collection and recycling infrastructure, making high levels of recycling difficult to achieve.

- garments are used more.

Design for physical and emotional durability.
"Emotional durability depends on a user valuing a product because of its timelessness, rarity, history, and meaning."
Circular Design for Fashion, 2022



- waste is minimised.

Design so that there is less fabric waste utilising zero waste patternmaking or co-design pieces, so that a second garment (or accessory) can be made from the negative shapes of the first design's pattern pieces.



- your garments cut & sewn in safe and fair working conditions.



Reuse

Second hand fashion is more affordable than new, and ethically responsible.

Buying an item secondhand replaces the need to manufacture a new item, reducing its carbon footprint by 55%.

Recommerce extends average product life by 1.7 x based on average length of second hand ownership

35 Million consumers bought secondhand apparel for the first time in 2020 Of these first time buyers 76% intend to increase their spend on second hand in the next five years.

Where can you buy preloved fashion?

Charity stores, Facebook marketplace, clothing swaps, Depop, SNOW clothing exchange, The clothing exchange, Her wardrobe, Circularclub

Repair

Please do not mind!

Can you repair yourself? Can you enlist the help of a family member? Friend? Artisan or technician?

Can you wear into a new garment?

Lydia Pearson and Shila Engelbrecht collaborate repairing vintage textiles shiladela.myshopify.com

Remake

What can you do with your clothes that are no longer suitable for use as clothing?

Donate to Up Parul Recycling. They even accept socks and shoes! upparul.com.au

The Australian cotton industry is working with the textile industry to reduce waste, with the ultimate goal of turning textile waste into products that can be used back on farms. The industry invests in research and development, and is part of the Cotton Converts group that's working to turn textile waste problems into solutions.

Recycle

When your garment can no longer be used, remade or upcycled, can components regenerate natural systems? Natural fibres will naturally biodegrade. Before composting textile items you need to remove any components that are not biodegradable, for example plastic and metal fasteners, synthetic interfacing.

Compost

When your garment can no longer be used, remade or upcycled, can components regenerate natural systems? Natural fibres will naturally biodegrade. Before composting textile items you need to remove any components that are not biodegradable, for example plastic and metal fasteners, synthetic interfacing.

Multiple users

McKinsey and Global Fashion Agenda found that rental extends a product's life by 1.8x, based on the average number of rentals during a product's lifetime, ultimately contributing to lowering fashion's greenhouse gas emissions.

Local options for fashion designers

BRIT

Will you promote resale or rental?

Second hand fashion is more affordable than new, and ethically responsible.

Research shows that resale marketplaces attract new customers who lack access to the brand and often go on to buy full priced items as well. Luxury is particularly well-suited to resale because it plays into the narrative of heritage quality that lasts generations – which pairs well with the new consumer attention on sustainability.

The second-hand clothing market is growing 11 times faster than retail.

60% of retailers have or are open to offering secondhand to their customers.

Compost

Cotton is natural & biodegradable. It will naturally compost if you want your fashion to be biodegradable, be mindful to not use hidden plastics in design- for example, interfacing and fasteners.

What can you do with your designs that are no longer suitable for use as clothing?

Donate to Up Parul Recycling. You can partner and show your customers your values, by rewarding your customers that donate.

Thread Together accepts new clothing and redistributes to those in need. threadtogether.org

MOO sells business cards made from t-shirts and shirt off-cut cotton!

Recycle

When your garment can no longer be used, remade or upcycled, can components regenerate natural systems? Natural fibres will naturally biodegrade. Before composting textile items you need to remove any components that are not biodegradable, for example plastic and metal fasteners, synthetic interfacing.

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Overview of resources available

Resource set 2: Print design on Australian cotton

Lesson 1 Print Design

Resource Set 2 Slide Deck slides 1-18

- Print design 1-4
- Design brief
- Mood boards

Worksheet: Print design

Australian Cotton
PRINT DESIGN

Why do fashion designers create prints?

What does a fashion designer need to consider when designing prints?

Consider any fashion you own that has a print on it.
Do you wear these garments often? Why? Or Why not?

Find two garments that you like that feature print design. Glue a photo of them HERE

Why is are these prints suitable for the garment design?

What is it you like most about these designs?

Lesson 2 Creating seamless repeat print tiles

Resource set 2 Slide Deck slides 19-28

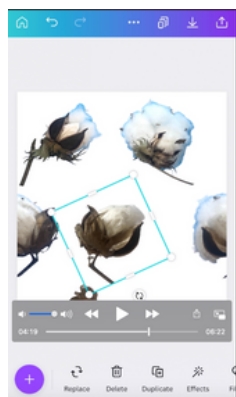
- How to create a repeating print tile activity with paper
- How to create a repeating print tile using Canva on your mobile
- How to repeat your print tile using Canva on your mobile

Handouts:

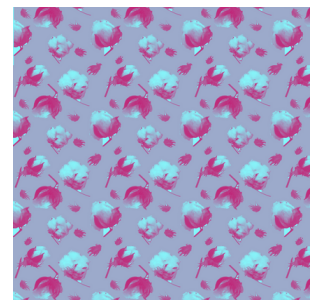
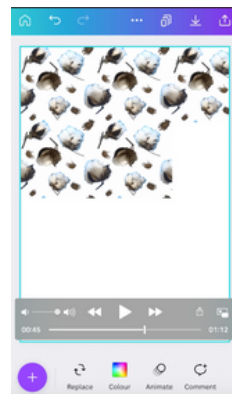
- How to create a repeating print tile using Canva on your mobile
- How to repeat your print using Canva on your mobile

Videos:

How to create a seamless repeat print tile using Canva on your mobile



How to repeat your print using Canva on your mobile



Overview of resources available

Resource set 2: Print design on Australian cotton

Lesson 3 Rendering seamless prints onto fashion illustrations

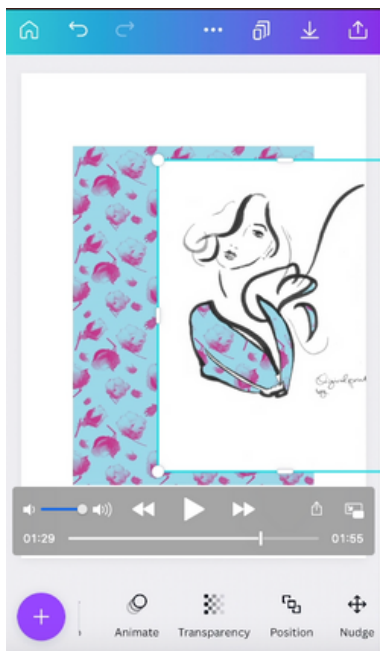
Resource set 2 Slide Deck slides 29-34

Handout:

- How to render your repeat print onto an illustration using Canva on your mobile

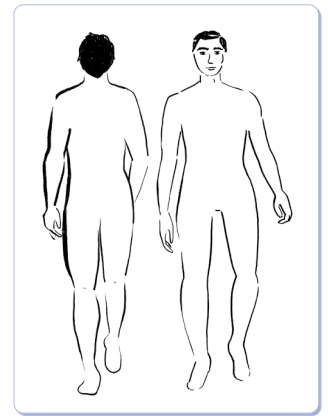
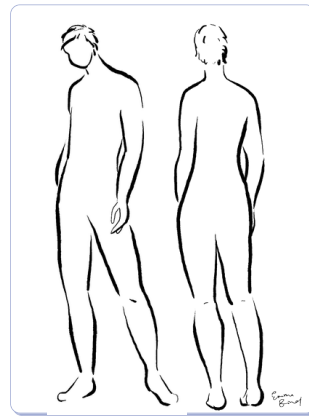
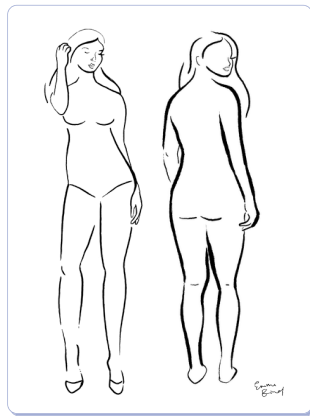
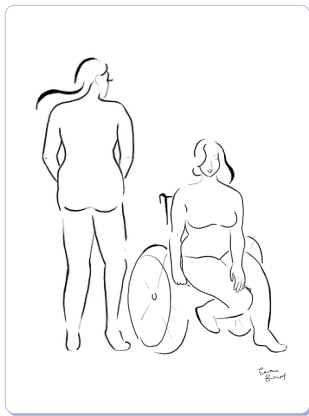
Video:

- How to render your repeat print onto an illustration using Canva on your mobile



Overview of resources available

Resource set 3: Fashion templates



Want more for your classroom?

Cotton Australia has two additional Education Kits available for students and school classroom teachers: the Cotton Education Kit (digital resource) and the Cotton Sampler Education Pack (physical resource)

Visit <https://cottonaustralia.com.au/education-kit>

EDUCATION KIT

Cotton Australia has two Education Kits available for students and school classroom teachers: the Cotton Education Kit (digital resource) and the Cotton Sampler Education Pack (physical resource that we can post upon request - to Australian locations only. This is not available for individual home school educators, however, consideration will be given to home schooling hubs/groups that service 15 or more home schooling families).

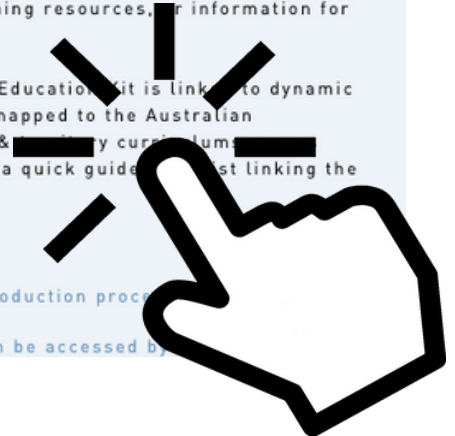
Whether it is ideas for incorporating cotton contexts in the classroom, great teaching resources, or information for a school project, all you need to know about cotton is right here.

Designed for all teachers and high school students, the 10-chapter digital Cotton Education Kit is linked to dynamic resources such as video, websites, research, and case studies. This kit has been mapped to the Australian Curriculum for Years 7-10, and targeted outcomes for Years 11-12 from all state & territory curricula in Australia. A list of themes is provided for teachers at the back of each chapter as a quick guide to best linking the content to their unit of work or syllabi in their state or territory.

Click here to download the [Cotton Education Kit Curriculum Mapping Guide](#).

Teachers can also [access a comprehensive photo gallery showcasing the cotton production process](#)

Cotton Australia's 360degree VR film is interactive on most digital devices and [can be accessed by](#)



Links

Videos

Animation of our local cotton industry

https://fb.watch/dPJ8FYZYX_/

I love Australian Cotton

<https://youtu.be/4kmPEE2yTF4>

Australian cotton from seed to sock

<https://www.youtube.com/watch?v=t6plTYrBth4>

Balonne Shire Mayor, Samantha O'Toole, explains why Aussie cotton is important for her region

<https://www.youtube.com/watch?v=Tw8TQYjFdGk>

Goondiwindi Circular Cotton Project

<https://www.youtube.com/watch?v=kGcNLkTuFng>

Cotton products and their uses

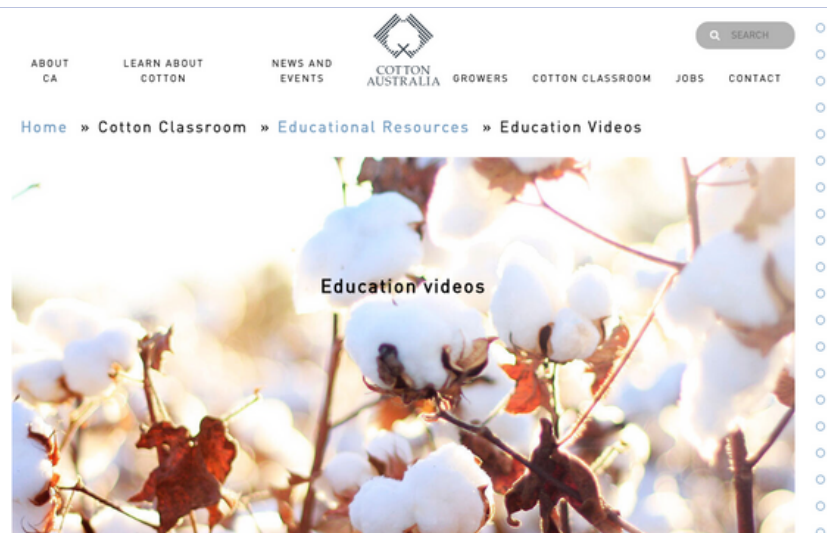
<https://www.youtube.com/watch?v=3TW3osxL1fM>

Meet A Grower - Alexandria Galea, Emerald, QLD

https://www.youtube.com/watch?v=iB0mld3nZ_g

Additional videos on the Cotton Australia website

<https://cottonaustralia.com.au/education-videos>



Videos

Circular Fashion

Closing the loop & creating full circularity: Australian cotton textile waste returning to soil

Dr. Oliver Knox 2022 Australian Cotton industry award finalist

<https://youtu.be/aiZ6Bup45dM>

Explained: Sustainability in the Australian cotton industry

Animation

<https://youtu.be/6Q4czBgq8K0>

Links

Fashion on climate

<http://www2.globalfashionagenda.com/initiatives/fashion-on-climate/#/>

Fashion recommence:

<https://www.brittslist.com.au/article/online-places-rent-borrow-clothes-australia/>

<https://www.mckinsey.com/~ /media/mckinsey/industries/retail/our%20insights/fashion%20on%20climate/fashion-on-climate-full-report.pdf>

Future Waste Lab

<https://concreteplayground.com/melbourne/design-style/future-from-waste-lab-concept>

Upcycled fashion <https://www.theguardian.com/fashion/gallery/2021/jun/01/australian-fashion-week-romance-was-born-remake-and-upcycle-in-pictures>

Australian cotton holds key to sustainable fashion future: Nuffield

Queensland farmer and 2019 Nuffield Scholar, Tamara Uebergang, travelled the world to understand fashion's global supply chain, its impacts and more sustainable alternatives.

<https://www.graincentral.com/cropping/cotton/australian-cotton-holds-key-to-sustainable-fashion-future-nuffield/>

High-end fashion designer showcases Australian cotton collection in the field

<https://australiancotton.com.au/news/high-end-fashion-designer-showcases-australian-cotton-collection-in-the-field>

Fashion designer Emma Bond is redefining the possibilities of Australian cotton

<https://www.theland.com.au/story/7963247/redefining-the-possibilities-of-australian-cotton/>