COTTON EDUCATION KIT
INTRODUCTION

CURRICULUM LINKS
• Queensland
• New South Wales

CHAPTER 1
The Australian Cotton Industry

CHAPTER 2
A Sustainable Cotton Industry

CHAPTER 3
The History of Cotton

CHAPTER 4
The Cotton Plant

CHAPTER 5
How Cotton is Grown

CHAPTER 6
The Business of Cotton Farming

CHAPTER 7
Cotton Processing: from Gin to Fabric

CHAPTER 8
Cotton as a Competitive Commodity

CHAPTER 9
Cotton as a Consumer Product

CHAPTER 10
Careers in Cotton

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Whether it’s ideas for incorporating agricultural contexts into the curriculum you’re after, some great classroom material, or information for a school project, all you need to know about cotton is right here in this book. The content has been developed by Cotton Australia, the Australian cotton industry’s peak grower body, with input from a wide range of Australian and international sources. It is the story of a modern, sustainable agricultural industry that’s helping to clothe the world. This kit is the definitive guide for current, authoritative information on the Australian Cotton Industry.

Each chapter is linked to the Key Learning Outcomes in the QLD and NSW Senior Secondary Syllabuses to provide ideas for where cotton contexts may be incorporated into teaching programs in line with syllabus requirements. These will be updated as the curriculum evolves.

Although explicit curriculum links are made to the senior secondary syllabuses, the kit is suitable for students and teachers of a range of grades.

The content here is linked to other dynamic resources such as video, other websites, useful articles and photographic material.

Look for this symbol: 🎥

Other Cotton Australia education resources are available by contacting us:

Via the web: 
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By Email: 
talktous@cottonaustralia.com.au

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Your feedback on how this resource could be improved would be most welcome, and we hope you enjoy learning all about cotton.
THE FOLLOWING TABLE PROVIDES IDEAS FOR HOW TO INCORPORATE SOME OF THE CONTENT AREAS AND THEMES IN THE EDUCATION KIT INTO THE QLD AND NSW SENIOR SECONDARY CURRICULUM. A LIST OF THE INDIVIDUAL SYLLABUSES THAT HAVE BEEN MAPPED AGAINST THE KIT ARE BELOW. THIS WILL BE UPDATED AS THE NATIONAL CURRICULUM IS ROLLED OUT AND COTTON AUSTRALIA WILL ENDEAVOUR TO MAKE THE CURRICULUM LINKS EXPLICIT FOR ALL STATES AND TERRITORIES.

BLUE: NSW syllabus / MAROON: QLD syllabus

**CHAPTER 1**
The Australian Cotton Industry

- An Introduction to the Australian Cotton Industry
- Where is Cotton grown?
- Cotton Production in Australia: Recent Statistics
- Cotton Yields
- Export Dollars
- Destinations for Australian cotton
- Underpinned by Latest Research, Development and Innovation
- Cotton and the Community

**CHAPTER 2**
A Sustainable Cotton Industry

- myBMP: Managing the Environment On The Farm
- Water Research and Innovation
- Biotechnology
- Types of Biotech Varieties Grown in Australia
- Resistance to Bt
- New Varieties in the Pipeline
- Cotton and Climate Change

**CHAPTER 3**
The History of Cotton

- World Cotton History – A Brief Summary
- Australian Cotton History – A Brief Summary
- Timeline: History of Cotton Growing in Australia

**CHAPTER 4**
The Cotton Plant

- Parts of the Cotton Plant
- How Cotton Grows
- Cotton's Growth Cycle
- Cotton Grower's Calendar

**AGRICULTURE** P1.1, P1.2, H1.1, P2.1, P2.3, H2.1, P3.1, H3.3, H3.4, P5.1, H5.1

**AGRICULTURAL SCIENCE** SRM1, SRM2, SRM3, SRM4, PS1

**TEXTILES AND DESIGN** P3.2, H3.2, P5.1, H5.2, P6.1, H6.1

**HOME ECONOMICS**: Textiles & Fashion, Key Concept 1,2

**GEOGRAPHY** H5, H6

**GEOGRAPHY** 7.1, 7.2, 7.3
CHAPTER 8
Cotton as a Commodity
• Cotton’s Share of the World Fibre Market
• Positioning Australian Cotton in the World Market
• Marketing Case Study – Dri Glo Towels: Iconic Brand Warms to an Aussie Grown Story
• Organic Cotton

CHAPTER 9
Cotton as a Consumer Product
• The Properties of Cotton
• Cotton Products
• Products Made from Cotton Lint/Fibre
• Products Made from Cotton Seed
• Products Made from Cotton Linters

CHAPTER 10
Cotton Careers

SYLLABUS THAT HAVE BEEN ALIGNED TO THE EDUCATION KIT SO FAR
- QLD AGRICULTURAL SCIENCE (2013)
- NSW PRIMARY INDUSTRIES CURRICULUM FRAMEWORK STAGE 6 SYLLABUS (2011)
- NSW AGRICULTURE STAGE 6 SYLLABUS (AMENDED 2009)
- NSW DESIGN AND TECHNOLOGY (2009)
- NSW TEXTILES AND DESIGN STAGE 6 SYLLABUS (2009)
- QLD HOME ECONOMICS SENIOR SYLLABUS (2010)
- NSW BUSINESS STUDIES (2010)
- QLD BUSINESS ORGANISATION AND MANAGEMENT SENIOR SYLLABUS (2007)
- NSW GEOGRAPHY STAGE 6 SYLLABUS (1999)
- QLD GEOGRAPHY SENIOR SYLLABUS (2007)
- NSW EARTH AND ENVIRONMENTAL SCIENCE (2002)
- NSW SENIOR SCIENCE (2002)
- QLD SCIENCE21 SENIOR SYLLABUS (2010)