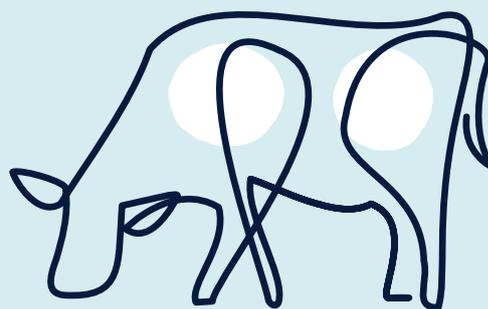
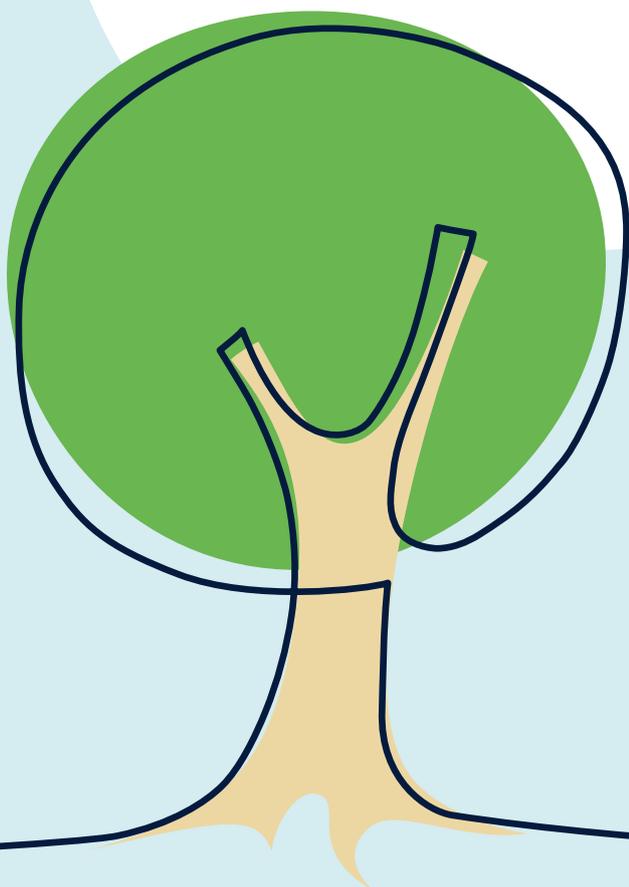


ACTIVITY IDEAS
**FROM FARM
TO PLATE**

LEARN ABOUT
DAIRY FARMING



ACKNOWLEDGEMENTS

This online curriculum-linked resource was produced by Dairy Australia.

The curriculum-linked resource is designed to introduce young people to dairy foods and the dairy industry in Australia.

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The materials in the original educational resource were developed by Angela Colliver from Angela Colliver Consulting Services Pty Ltd.

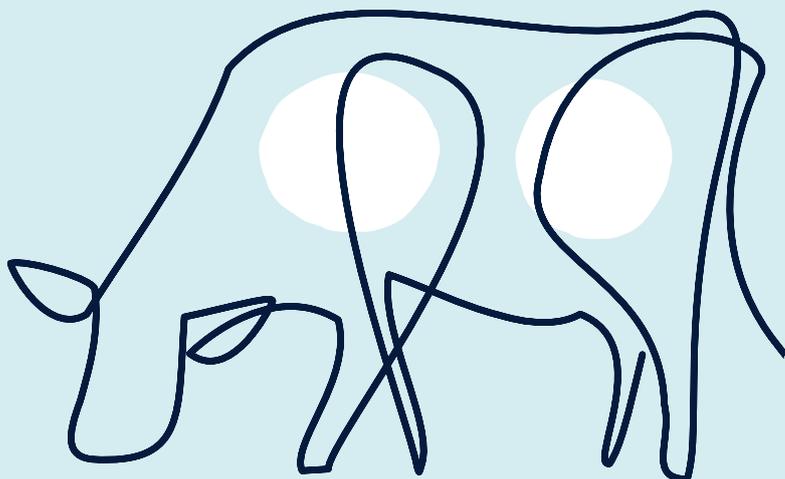
The materials have been revised by Kimberlin Education and Dairy Australia and a second edition released in 2018.

Dairy Australia would like to acknowledge and sincerely thank the teachers who shared their comments on the draft version of the educational resource.

While reasonable efforts have been made to ensure that the contents of this educational resource are factually correct, Dairy Australia does not accept responsibility for the accuracy or completeness of the contents, and shall not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance on, the contents of this educational resource.

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RESOURCE DESCRIPTION



These Year 6 activity ideas have been developed to help students investigate and understand more about the Australian dairy industry. Teachers are provided with suggested activities for different learning areas within the Australian Curriculum that support the teaching of curriculum links through the theme 'From Farm to Plate'.

We encourage teachers to assess the needs of their class, adapting the content and activities accordingly. The activities provided aim to spark student curiosity and inspire them to generate their own questions to investigate. The activities can be used as stand alone teaching ideas, incorporated into an existing program or used to support other inquiry units and resources found on the [Discover Dairy](#) website.

Top tip – Use the Discover Dairy website to support the following activity ideas and learn more about dairy regions and farming.



ENGLISH ACTIVITY IDEAS

- Use the information from the Discover Dairy website to discuss how diagrams and images can contribute to the students' understanding of the information. What other tables and graphs could be included to enhance understanding? Students use other examples of how information is presented on the Discover Dairy website to present information on the dairy topic of their choice.
- Write a creative story from the perspective of someone significant in the dairy industry. This could be historical (cows being brought to Australia on the First Fleet) or local (a known dairy farmer or dairy farming family). Students are given time to research facts to be used as inspiration to tell a story from someone else's perspective.
- Watch the video [Making cheese](#) on the Discover Dairy website. Students then investigate making another dairy product and create their own video presentation on the process.

Curriculum links – English

Language

Identify and explain how analytical images like figures, tables, diagrams, maps and graphs contribute to our understanding of verbal information in factual and persuasive texts ([ACELA1524](#))

Investigate how complex sentences can be used in a variety of ways to elaborate, extend and explain ideas ([ACELA1522](#))

Literature

Make connections between students' own experiences and those of characters and events represented in texts drawn from different historical, social and cultural contexts ([ACELT1613](#))

Literacy

Participate in and contribute to discussions, clarifying and interrogating ideas, developing and supporting arguments, sharing and evaluating information, experiences and opinions ([ACELY1709](#))

Plan, rehearse and deliver presentations, selecting and sequencing appropriate content and multimodal elements for defined audiences and purposes, making appropriate choices for modality and emphasis ([ACELY1710](#))



SCIENCE ACTIVITY IDEAS

- Use information from the Discover Dairy website and other sources to research how dairy farmers use science and technology on farms. Students could investigate cow trackers to check on animals, testing milk or the use of different kinds of feed for animals. Students investigate how the physical environment can affect the choices farmers make.
- Investigate the climates of dairy regions. Students compare and contrast the similarities and differences of different regions across Australia. Research the affect that extreme weather events, such as drought, can impact on dairy farming and production.
- Students investigate the way solids, liquids and gases change in accordance with different environmental variables such as heating and cooling. Use dairy foods as stimulus examples. Provide students with a dairy food such as milk, butter, cheese and/or yoghurt. They then decide on a method to test their hypothesis around how dairy foods may change, depending on the influenced variable. Test to determine whether the changes are reversible or irreversible.

Curriculum links – Science

Biological sciences

Living things have structural features and adaptations that help them to survive in their environment ([ACSSU043](#))

Chemical sciences

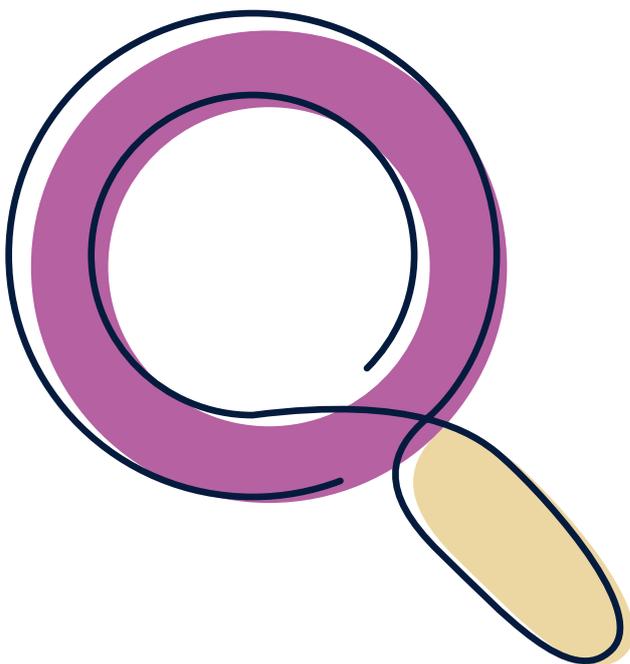
Solids, liquids and gases have different observable properties and behave in different ways ([ACSSU077](#))

Use and influence of science

Scientific knowledge is used to solve problems and inform personal and community decisions ([ACSHE083](#))

Communicating

Communicate ideas, explanations and processes using scientific representations in a variety of ways, including multi-modal texts ([AC SIS093](#))



HUMANITIES AND SOCIAL SCIENCES ACTIVITY IDEAS

- Research and investigate the dairy industry's contribution to the development of Australian society. Pose the question 'What would our society be like today if there were no dairy farms in Australia?' Students discuss in small groups and then share their ideas and answers with the class.
- Use information from the Discover Dairy and Dairy Australia websites to gather information on Australia's export and trade of dairy products. Investigate Australia's dairy product export locations, the impact exporting has on our economy, and the relationships Australia has with other countries.
- Investigate how the dairy industry is involved across the primary, secondary and tertiary industry sectors in Australia. Divide the class into three groups and allocate a sector to each group. Students then use information from the Discover Dairy website and other sources to investigate the primary production (milk on the farm), secondary production (processing and production) and tertiary production (distribution process). Use the [Farm to Plate](#) interactive as stimulus and for inspiration when creating a class display of the information learned.

Curriculum links – Humanities and Social Sciences

History

The contribution of individuals and groups to the development of Australian society since Federation ([ACHASSK137](#))

Geography

Australia's connections with other countries and how these change people and places ([ACHASSK141](#))

Economics and business

The reasons businesses exist and the different ways they provide goods and services ([ACHASSK151](#))



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