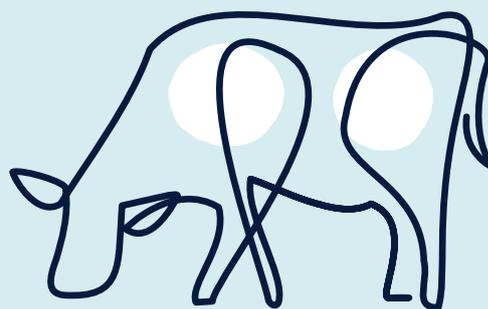
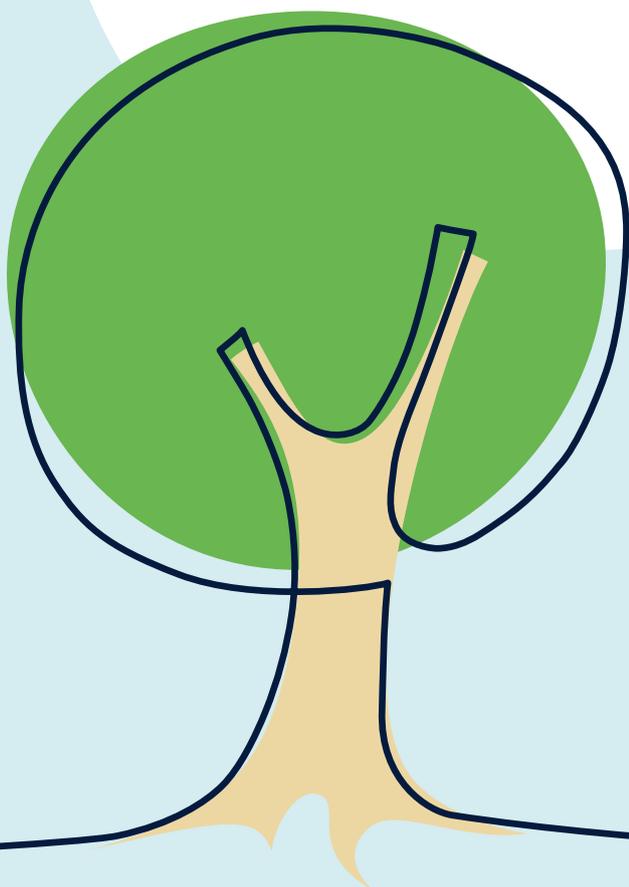


ACTIVITY IDEAS
**FROM FARM
TO PLATE**

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.

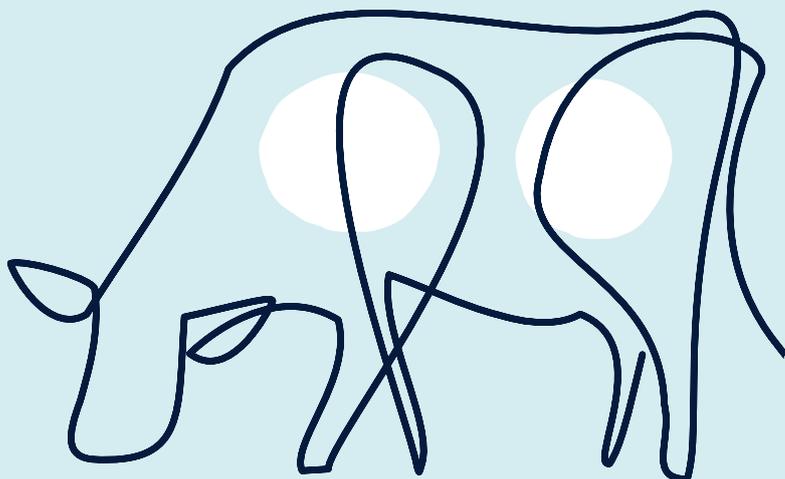
The materials have been revised by Kimberlin Education and Dairy Australia and a second edition released in 2018.

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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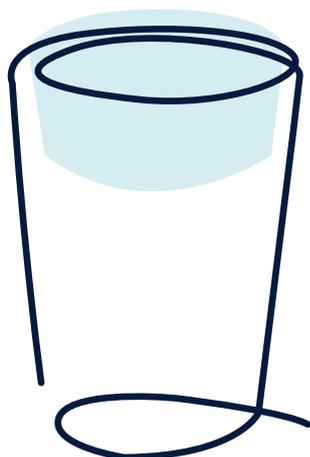
RESOURCE DESCRIPTION



These Year 5 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

- Watch a video from the Discover Dairy website on one of the farmer stories. After viewing, students write a description of the farming family and their life on a dairy farm. Encourage students to expand upon noun and adjective groups to provide a detailed description.
- Students write a poem or song about life on a dairy farm. Encourage students to use resources from the Discover Dairy website for inspiration and ideas for their content.
- Research information about dairy farms and what life would be like to live on one. Students then create a game show where they devise questions to ask other students in the class. Students are encouraged to be creative with questions and can include video and image questions too. Students are assigned roles, such as host and contestant, and the show is performed in front of the class.
- Students participate in a debate on the importance of dairy foods in the diet. Students are placed in affirmative or negative teams and work together to present their findings.

Curriculum links – English

Language

Understand how texts vary in purpose, structure and topic as well as the degree of formality (ACELA1504)

Understand how noun groups/phrases and adjective groups/phrases can be expanded in a variety of ways to provide a fuller description of the person, place, thing or idea (ACELA1508)

Literature

Identify aspects of literary texts that convey details or information about particular social, cultural and historical contexts (ACELT1608)

Understand, interpret and experiment with sound devices and imagery, including simile, metaphor and personification, in narratives, shape poetry, songs, anthems and odes (ACELT1611)

Literacy

Plan, rehearse and deliver presentations for defined audiences and purposes incorporating accurate and sequenced content and multi modal elements (ACELY1700)

Use comprehension strategies to analyse information, integrating and linking ideas from a variety of print and digital sources (ACELY1703)



SCIENCE ACTIVITY IDEAS

- Use the [Discover Dairy cow breeds](#) interactive on the Discover Dairy website to investigate the anatomical features of cows. Investigate why certain breeds are more suited to particular environments, and how over the years, farmers have bred cows using the scientific method of cross breeding.
- Investigate the sustainable practices that are carried out on dairy farms to care for animals and the environment. Students compare different practices to determine which practices are more successful.
- 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

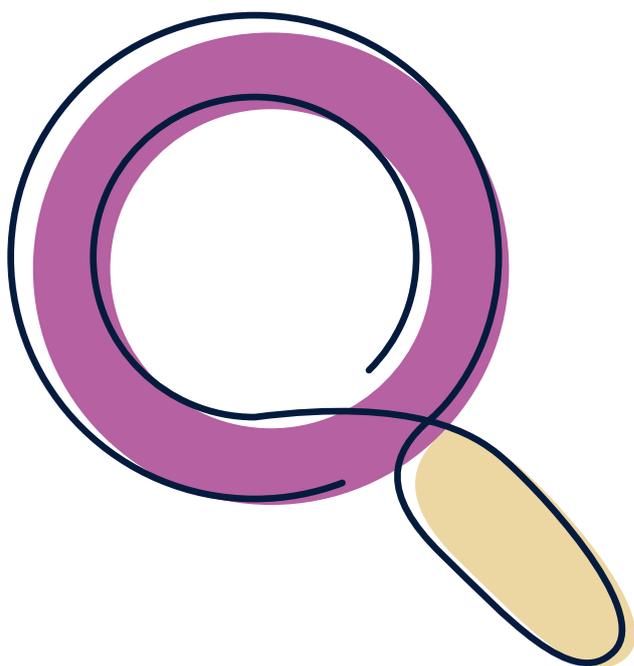
Solids, liquids and gases have different observable properties and behave in different ways ([ACSSU077](#))

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

- Watch the video [History of Australian dairy farming](#) from the Discover Dairy website. Students investigate the importance of bringing dairy cows on the first fleet and how it contributed to settlement in Australia. Their research could include looking at patterns of settlement and how the environment has changed over time.
- Students create a time-line of the Australian dairy industry. This could be done as an individual activity or a whole class collaboration where each student is given a time period to research. Students then make a display of the time-line in their classroom.
- Use the information [Our regions](#) on the Discover Dairy website to research a dairy region either closest to the students' school or consider assigning a different dairy region to small groups in the class. Students use the information from the website, as well as further research, to create a presentation of the key facts of each region. Display the students' work in the classroom on a large map of Australia.

Curriculum links – Humanities and Social Sciences

History

The nature of convict or colonial presence, including the factors that influenced patterns of development, aspects of the daily life of the inhabitants (including Aboriginal and Torres Strait Islander Peoples) and how the environment changed ([ACHASSK107](#))

Geography

The environmental and human influences on the location and characteristics of a place and the management of spaces within them ([ACHASSK113](#))



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