

The Farm Days program, conducted by the Royal Agricultural Society of NSW, is a hands-on, immersive excursion to engage students in areas of Agriculture including science and technology. This experience involves a series of sessions which students rotate through in groups to learn about various aspects of agriculture taught by industry professionals and experts.

Farm Days excursions are suitable for MOST school levels from Year 1 to Year 12 as our sessions will be tailored to each groups learning level.

The individual sessions may change throughout the year, so we can continue to provide a broad experience for all students involved. Some of the sessions that may be featured in your Farm Days excursion include Pollination & Honey, Wool, Cotton, Grain or Farm Technology as well as our staple sessions which are the Farnyard Nursery, Poultry and Dairy. Please note, NOT all of these will be featured in every Farm Day, however every session will be exceptional! You can contact us closer to your booked excursion to confirm the exact sessions, however, below is the key areas that EVERY farm day excursion will cover a diverse level depending on the educational Stage of the students.

## General

- The exposure to a range of animal species used for primary production in Australia, helping students develop an appreciation for these animals and gain confidence about how to interact with animals both small and large.

## Science and Technology

- Life cycles of both plants and animals and how they relate to their products or function, including how lifecycles and production stages impact the management of the animals.
- In the Dairy sessions students will see how technology has improved the milking process for the cow and for us regarding milk production. This will include the design and use of current technology in health and management of the animals.
- In the Poultry section the presenters will cover the differences between chickens used for varied reasons (eggs vs meat) and the separate ways that chickens are farmed in Australia and how this related to their biology and the end products.
- The day will highlight the various roles across agriculture from farming to technology develop to sales and everything in between.

## Sustainability

- In the Dairy session the presenter will be highlighting how Australian dairy farmers growers have water management plans, re-using water from the dairy shed and all farms (94%) have implemented practices that reduce GHGs, including tree planting, strategy, improving energy efficiency, and soil carbon.

- In the Farmyard Nursery Session, the farmer who owns the animal will explain the variety of practices used to raise animals humanely, producing better quality products and soil and sequester carbon, mitigating the effects of greenhouse gases.
- In sessions such as cotton and grain production presenters will cover the sustainability issues, facts, and fiction and how farms and industries are working to make a more environmentally sustainable system that benefits the natural environment.

## Food and Fibre Production

- As consumer preferences and the clarify of production become increasingly more important in agriculture world-wide, we believe that is its vital for students to have a clear understand about where their food and fibre comes from to help individual make informed decisions from an early age. That is why EVERY farm day even will cover and food production AND a fibre production.
- Dairy and Poultry sessions cover the entire process from the animal all the way through to the end products that we can buy and eat.
- Sessions including pollination will cover the importance of pollination to food productions, how pollination occurs, and the roles bees play in the process, while teaching about the food product bees make themselves, honey.
- Fibre productions sessions such as cotton, wool and alpaca will cover how the traits of the fibre make it suitable for the end products including blankets, clothing etc. These sessions will also cover what is require growing the fibre, for example, keep the sheep healthy or how to sustainable grow a cotton crop. The benefits of using a natural fibre on comparison to a synthetic fabric will be touched on and linked to environmental sustainability.

## Farm Days 2022 Dates:

*Save the dates*

14-18 Feb 2022		16-20 May 2022	14-17 Jun 2022	18-22 Jul 2022
15-19 Aug 2022	12-16 Sep 2022	17-21 Oct 2022	14-18 Nov 2022	5-9 Dec 2022

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