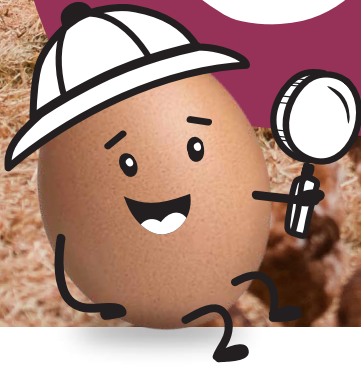


Stage

5

# Agriculture Careers Guide



## Lesson Overview

The following activities are designed for Stage 5 students and their educators, who are looking to explore **agricultural careers**, specifically, **careers in the Australian egg industry**. The activities may be suitable or modifiable for older or younger high school classes, depending on their capabilities and interests.

This guide provides **one main challenge** as well as several **supporting activities** and an **extension task** to encourage students to apply their new understanding and to encourage deeper thinking.

The activities use the **Australian Eggs Virtual Reality Farm Tour** as their basis. Instructions for using the VR are located at the link below:

### VR INSTRUCTIONS

This activity guide aligns with the Australian Curriculum learning areas of Work Studies, Geography and Science, as well as several General Capabilities and the Sustainability Cross-Curriculum Priority. The activities also link to state-based Agriculture curriculums. Detailed Australian Curriculum Links and the Learning Intentions for the guide are provided below.

## Main Challenge - Investigating Eggy Ag Careers!

Use the **Australian Eggs Virtual Reality Farm Tour** and the internet to explore and research the **types of careers** available in the Australian egg industry. Access the VR tour [here](#).

### GETTING READY

Take time to explore the VR Farm Tour! Familiarise yourself with how the VR technology works. Start thinking about the different egg production methods and all the different workers involved in the egg production process. Using the VR Farm Tour and the internet, work in pairs following the steps below.

- 1 Create a table like the one below in your book or on your computer.
- 2 List the **job titles** of each of the different workers on the farms in the column on the left.
- 3 Describe their **responsibilities**. *What important jobs does each worker perform?*
- 4 Complete the **skills, interests and personal attributes** column. *What might each worker need to be like to perform their job well? Why might they find it interesting? Think about what is enjoyable or challenging about each job. Is problem-solving part of this role? How?*
- 5 Finally, what **education** might be required to perform each job? *Would this worker need to start an apprenticeship or traineeship? Would it help if they completed a TAFE qualification or a university degree?*

*Some of the jobs on an egg farm are farm manager, farmhand, packer/checker, driver, hatchery assistant, and more!*

*When you have added all the egg farm workers you can see in the VR Farm Tour, you might like to add some other egg and ag-related careers to your table, including agricultural marketing, mechanics (machinery & vehicle), researcher or academic, food scientist, economist, community engagement officer, gourmet food retail, or chefs and bakers.*

**Copy and complete the table below in pairs**

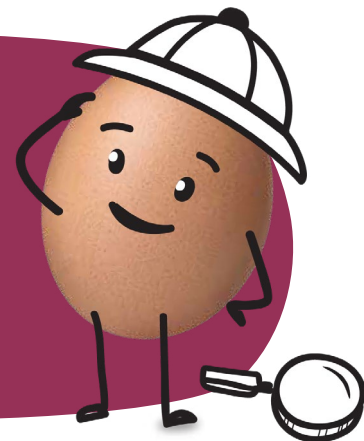
Job Title	Description: Responsibilities	Skills, Interests, Personal Attributes	Education

## Supporting Activities

- 1 As a group, discuss which two or three jobs in the table you each find most interesting? Why?
- 2 Consider why the jobs you chose are important. Describe what would happen to the egg production supply chain if there was suddenly no-one to perform these jobs.
- 3 Research one issue affecting agriculture and the Australian egg industry e.g. land management, food waste, changing consumer demands, new technologies, renewable energy sources, climate change, etc. Create an infographic outlining your ideas. *How might your issue affect the way we produce eggs? How might workers in the Australian egg industry be affected by this issue?*

## Extension Opportunities

Now you have explored the different careers in, and educational pathways into, the Australian egg industry, reflect on your own skills and interests. Write a list of your relevant skills! Map your skills against what is required for different jobs in agriculture and the Australian egg industry and communicate your findings with the class.



## Learning Intentions

Students will:

Consider the different careers in agriculture and the Australian egg industry.

Explore the different responsibilities, skills and interests required for different roles.

Investigate the different career pathways and education required for different roles.

## Australian Curriculum Links

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### Work Studies

- Investigate a wide range of occupations, and the skills and personal qualities required in these fields (ACWSCL006)
- Source career information and resources (ACWSCL014)
- Explain the range of skills and attributes necessary to work effectively in the 21st century (ACWSCL025)
- Apply knowledge of self to career decision-making processes (ACWSCL032)

### Geography

- Human alteration of biomes to produce food, industrial materials and fibres, and the use of systems thinking to analyse the environmental effects of these alterations (ACHGK061)
- Challenges to food production, including land and water degradation, shortage of fresh water, competing land uses, and climate change, for Australia and other areas of the world (ACHGK063)

### Science

- Science
- Multi-cellular organisms rely on coordinated and interdependent internal systems to respond to changes to their environment (ACSSU175)
- People use scientific knowledge to evaluate whether they accept claims, explanations or predictions, and advances in science can affect people's lives, including generating new career opportunities (ACSHE160)

