

Ekka

EDUCATION

CURRICULUM ALIGNMENT & CLASSROOM RESOURCES

RAISING HY-LINE HENS COMPETITION



FOUNDATION - YEAR 6

COMPETITION OVERVIEW

This competition enables students to gain insight into the cycle of life by raising their own laying hens. The Ekka has partnered with Specialised Breeders Australia to provide schools with six eight-week old Hy-Line Brown hens. The competing schools are required to raise the hens to 26 weeks.

The aim is to have the hens laying and ready to compete at the Ekka.

Schools submit their three best hens to take to the Ekka, with the competition consisting of three main elements: Birds, Eggs & Project.

The competition is judged by experts from the commercial poultry industry and the birds are judged to a commercial standard. Each component is assessed by industry experts.

IMPORTANT CONTACTS

Competition Enquiries

entries@rna.org.au

Education Content Enquiries

education@ekka.com.au

Ekka School & Group Bookings Enquiries

groupbookings@ekka.com.au

VERSION 8.4

Science Understanding: Biological Sciences

Living things have basic needs, including food and water ([ACSSU002](#))

Humanities and Social Sciences: Geography

The places people live in and belong to, their familiar features and why they are important to people ([ACHASSK015](#))

VERSION 9

Science Understanding: Biological Sciences

Observe external features of plants and animals and describe ways they can be grouped based on these features ([AC9SFU01](#))

Humanities and Social Sciences: Geography

The features of familiar places they belong to, why some places are special and how places can be looked after ([AC9HSFK03](#))

CLASSROOM RESOURCES

Australian Eggs – Looking After Hens and Chicks

This short video explores how John the farmer looks after the hens on his farm to produce delicious eggs for people all over Australia!

Students will learn what hens and chicks need to stay healthy plus why eggs are so good for our bodies and a sneak peek into what happens on an egg farm. Consider using the Teachers Notes questions below the video to provoke student curiosity and encourage further thinking about the egg industry.

<https://www.australianeggs.org.au/education/primary/looking-after-hens-and-chicks>

Australian Eggs – Helping Hands

In this lesson, students will learn about the places people live in and belong to. They will learn about children living on farms and the important daily roles they play. They will be able to identify familiar features on a farm and understand why egg farms are important to people.

<https://www.australianeggs.org.au/education/primary/helping-hands-children-at-home-on-the-farm>



*Creative & Critical
Thinking*



*Ethical
Understanding*



Numeracy



Sustainability



VERSION 8.4

Science Understanding: Biological Sciences

Living things have a variety of external features ([ACSSU017](#))

Science Inquiry Skills: Planning and Conducting

Participate in guided investigations to explore and answer questions ([AC SIS025](#))

Mathematics: Statistics and Probability

Represent data with objects and drawings where one object or drawing represents one data value. Describe the displays ([ACMSP263](#))

VERSION 9

Science Understanding: Biological Sciences

Identify the basic needs of plants and animals, including air, water, food or shelter, and describe how the places they live meet those needs ([AC9S1U01](#))

Science Inquiry: Planning and Conducting

Suggest and follow safe procedures to investigate questions and test predictions ([AC9S1I01](#))

Mathematics: Number

Represent practical situations involving addition, subtraction and quantification with physical and virtual materials and use counting or subitising strategies ([AC9MFN05](#))

CLASSROOM RESOURCES

Australian Eggs – Eggs-actly where do eggs come from?

In this lesson students will learn to describe displays by identifying categories of animals and the quantity and appearance of their eggs. They will represent data relating to hens and eggs laid on farms in Australia. <https://www.australianeggs.org.au/education/primary/eggs-actly-where-do-the-eggs-we-eat-come-from>



*Creative & Critical
Thinking*



Literacy



Numeracy



Sustainability



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<https://www.australianeggs.org.au/education/primary/looking-after-hens-and-chicks>

ADDITIONAL LEARNING OUTCOMES

Australian Eggs - Cooking in the Classroom

This program is for Stage 1 and 2 students and their educators looking to investigate cooking and associated health and well-being considerations. The program consists of five recipe cards and an accompanying curriculum-linked teacher guide. The recipe cards provide easy-to-follow instructions for preparing dishes such as muesli bars, pikelets, sweetcorn and broccoli slice, and more. These cards can be used for hands-on cooking activities or just used as in-classroom learning materials. <https://www.australianeggs.org.au/education/primary/cooking-in-the-classroom>



VERSION 8.4

Science Understanding: Biological Sciences

Living things grow, change and have offspring similar to themselves
([ACSSU030](#))

Science Inquiry Skills: Planning and Conducting

Participate in guided investigations to explore and answer questions
([AC SIS038](#))

VERSION 9

Science Inquiry: Planning and Conducting

Suggest and follow safe procedures to investigate questions and test predictions ([AC9S2102](#))

CLASSROOM RESOURCES

Australian Eggs – What’s inside an egg?

In this lesson students will identify the parts of an egg and the nutrients within. They will explore the different life stages of animals, such as the process of egg laying. Students will learn about how hens grow, change and have offspring similar to themselves. They will be able to determine the difference between unfertilised and fertilised eggs.

<https://www.australianeggs.org.au/education/primary/its-gooney-but-what-is-actually-inside-an-egg>

Australian Eggs – Looking After Hens and Chicks.

This short video explores how John the farmer looks after the hens on his farm to produce delicious eggs for people all over Australia! Students will learn what hens and chicks need to stay healthy plus why eggs are so good for our bodies and a sneak peek into what happens on an egg farm. Consider using the Teachers Notes questions below the video to provoke student curiosity and encourage further thinking about the egg industry. <https://www.australianeggs.org.au/education/primary/looking-after-hens-and-chicks>



*Creative & Critical
Thinking*



Literacy



Sustainability



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VERSION 8.4

Science Understanding: Biological Sciences

Living things can be grouped on the basis of observable features and can be distinguished from non-living things ([ACSSU044](#))

Science Inquiry Skills: Planning and Conducting

With guidance, plan and conduct scientific investigations to find answers to questions, considering the safe use of appropriate materials and equipment ([AC SIS054](#))

Science Inquiry Skills: Communicating

Represent and communicate observations, ideas and findings using formal and informal representations ([AC SIS060](#))

VERSION 9

Science Understanding: Biological Sciences

Compare characteristics of living and non-living things and examine the differences between the life cycles of plants and animals ([AC9S3U01](#))

Science Inquiry: Planning and Conducting

Use provided scaffolds to plan and conduct investigations to answer questions or test predictions, including identifying the elements of fair tests, and considering the safe use of materials and equipment ([AC9S3I02](#))

Science Inquiry Skills: Communicating

Write and create texts to communicate findings and ideas for identified purposes and audiences, using scientific vocabulary and digital tools as appropriate ([AC9S3I06](#))

CLASSROOM RESOURCES

Australian Eggs – To lay or not to lay?

This lesson introduces the concept that living things can be grouped according to factors affecting reproduction. Students will predict physical and environmental variables connected to the reproductive output of a hen's unfertilised eggs.

<https://www.australianeggs.org.au/education/primary/to-lay-or-not-to-lay-what-makes-a-hen-happy>



*Creative & Critical
Thinking*



Literacy



*Personal &
Social Capability*



Digital Literacy



CLASSROOM RESOURCES

Australian Eggs – From Farm to Fridge

Help your students understand what goes on behind the scenes at an Australian egg farm with this video featuring egg farmer John from Tasmania. Students will learn more about each stage of the farm to fridge journey, and who is involved in getting eggs from the hen to our houses, including how he implements quality control. Consider using the Teachers Notes questions below the video to provoke student curiosity and encourage further thinking about the egg industry.

<https://www.australianeggs.org.au/education/primary/from-farm-to-fridge>

ADDITIONAL LEARNING OUTCOMES

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VERSION 8.4

Science Understanding: Biological Sciences

Living things depend on each other and the environment to survive
([ACSSU073](#))

Humanities and Social Sciences: Geography

The importance of environments, including natural vegetation, to animals and people ([ACHASSK088](#))

Humanities and Social Sciences: Geography

The use and management of natural resources and waste, and the different views on how to do this sustainably ([ACHASSK090](#))

VERSION 9

Science Understanding: Biological Sciences

Explain the roles and interactions of consumers, producers and decomposers within a habitat and how food chains represent feeding relationships ([AC9S4U01](#))

Humanities and Social Sciences: Geography

The importance of environments, including natural vegetation and water sources, to people and animals in Australia and on another continent ([AC9HS4K05](#))

Humanities and Social Sciences: Geography

Sustainable use and management of renewable and non-renewable resources, including the custodial responsibility First Nations Australians have for Country/Place ([AC9HS4K06](#))

CLASSROOM RESOURCES

Australian Eggs – Sustainable Egg Farms.

Every human activity affects the environment in some way. In this lesson, students will learn how Australian farmers work to create efficient and sustainable practices to ensure little impact upon their neighbours and the surrounding environment.

<https://www.australianeggs.org.au/education/primary/sustainability-egg-farmers-are-doing-their-bit>



Creative & Critical Thinking



Personal & Social Capability



Ethical Understanding



Sustainability



Aboriginal & Torres Strait Islander Histories & Cultures



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VERSION 8.4

English Language: Language for Interaction

Understand how to move beyond making bare assertions and take account of differing perspectives and points of view (ACELA1502)

English Literacy: Interacting with Others

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

Science as a Human Endeavour: Use and Influence of Science

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



Literacy



*Personal &
Social Capability*



*Intercultural
Understanding*

VERSION 9

English Language: Language for Interacting with Others

Understand how to move beyond making bare assertions by taking account of differing ideas or opinions and authoritative sources (AC9E5LA02)

English Literacy: Interacting with Others

Use appropriate interaction skills including paraphrasing and questioning to clarify meaning, make connections to own experience, and present and justify an opinion or idea (AC9E5LY02)

Science as a Human Endeavour: Use and Influence of Science

Investigate how scientific knowledge is used by individuals and communities to identify problems, consider responses and make decisions (AC9S5H02)

CLASSROOM RESOURCES

Australian Eggs – The Big Egg Debate

In this lesson students will review the three main types of commercial egg farm systems used throughout Australia. They will formulate arguments for and against each farming system and take part in a debate with their classmates.

<https://www.australianeggs.org.au/education/primary/the-big-egg-debate>



Australian Eggs – A Day On The Farm: Farming Ethics and Farm Management

Explore the Australian egg industry's place within our country's food production and management with Farmer John Sattler from Pure Foods, an egg farm in Tasmania. This video shows how farmers consider the welfare of their animals in their daily practices, and how farmers may use technologies to make their farming more efficient and sustainable. John talks about how he manages his farm while ensuring the best quality and value eggs possible for his consumers and how natural disasters might affect the way he makes decisions.

<https://www.australianeggs.org.au/education/primary/farming-ethics-and-farm-management>

"LEARN MORE
ABOUT POULTRY
AND EGGS AT
RURAL DISCOVERY
DAY!"



VERSION 8.4

Humanities and Social Sciences: Researching

Locate and collect relevant information and data from primary sources and secondary sources ([ACHASSI095](#))

Humanities and Social Sciences: Evaluating and Reflecting

Use criteria to make decisions and judgements and consider advantages and disadvantages of preferring one decision over others ([ACHASSI103](#))

Humanities and Social Sciences: Economics and Business

Influences on consumer choices and methods that can be used to help make informed personal consumer and financial choices ([ACHASSK12](#))

VERSION 9

Humanities and Social Sciences: Questioning and Researching

Locate, collect and organise information and data from primary and secondary sources in a range of formats ([AC9HS5S02](#))

Humanities and Social Sciences: Concluding and Decision-making

Propose actions or responses to issues or challenges and use criteria to assess the possible effects ([AC9HS5S06](#))

Humanities and Social Sciences: Economics and Business

Types of resources, including natural, human and capital, and how they satisfy needs and wants ([AC9HS5K08](#))



Creative & Critical Thinking



Ethical Understanding



Literacy

"MORE GRADE 5 RESOURCES FOR YOU TO CHOOSE FROM!"



CLASSROOM RESOURCES

Australian Eggs – The Power of Choice.

In this lesson students will be introduced to the three main types of commercial egg farming systems used throughout Australia. They will learn about the challenges surrounding supply and demand and the importance of understanding consumer choices.

<https://www.australianeggs.org.au/education/primary/customer-choices-a-fit-for-everyone>



Australian Eggs – Virtual Reality Farm Tour

This unit is for Stage 3 students investigating agricultural production, specifically the egg production process. The main challenge is a fun treasure hunt with an accompanying downloadable activity sheet. This activity uses the Virtual Reality Farm Tour as its basis. Students access the online VR resources and use the information in these resources to complete the activity sheet.

<https://www.australianeggs.org.au/education/primary/virtual-reality-farm-tour>



VERSION 8.4

Science Understanding: Biological Sciences

The growth and survival of living things are affected by physical conditions of their environment ([ACSSU094](#))

Humanities and Social Science: Economics and Business

How the concept of opportunity cost involves choices about the alternative use of resources and the need to consider trade-offs ([ACHASSK149](#))

Humanities and Social Science: Economics and Business

The effect that consumer and financial decisions can have on the individual, the broader community and the environment ([ACHASSK150](#))

VERSION 9

Science Understanding: Biological Sciences

investigate the physical conditions of a habitat and analyse how the growth and survival of living things is affected by changing physical conditions ([AC9S6U01](#))

Humanities and Social Science: Economics and Business

Influences on consumer choices and strategies that can be used to help make informed personal consumer and financial choices ([AC9HS6K08](#))

CLASSROOM RESOURCES

Australian Eggs – What About Welfare?

In this lesson students will understand how the growth and survival of a hen is affected by the physical conditions of its environment. They will gain knowledge of the ways in which egg farmers care for their hens and how the Government enforces strict guidelines to ensure the safety and wellbeing of egg laying hens.

<https://www.australianeggs.org.au/education/primary/animal-welfare-what-it-is-all-about>



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CLASSROOM RESOURCES

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Ekka

EDUCATION

INTERNATIONAL AWARD WINNERS

The Royal Queensland Show (Ekka) is recognised for its excellence, over many years, by winning numerous awards at the International Fairs & Expos (IAFE) Awards.

IAFE has more than 1,000 members representing agricultural fairs from the United States, Canada, the United Kingdom, and Australia.

These awards represent the continued dedication the Ekka plays in bridging the country city divide, and educating the next generation on the essential role farming and agriculture plays in their everyday lives.



www.ekka.com.au