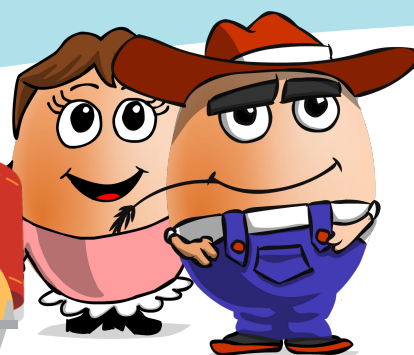




EGGS

From the farm to you



A hatchery program is a great way for your students to learn all about the life cycle of a chicken through an engaging, real-life experience. This teacher activity sheet has been designed to provide you with activity ideas that you can use in the classroom, with or without a hatchery program. Supporting lesson plans and digital interactive activities can be found at www.allabouteggs.com.au

Becoming 'Eggsperts' Activity ideas

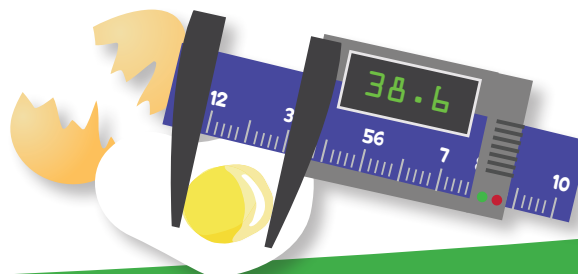
Developing the Inquiry

Discuss the poster provided with this activity sheet and watch the animation **Journey of an Egg** at www.allabouteggs.com.au Tell the students that they will be investigating parts of this process in the classroom and will become 'eggsperts' in the field!

Divide the class into pairs or small groups and let them choose from the following investigations.

Measuring and Weighing the Eggs

Students in this group are to investigate the best way to measure and weigh parts of the egg. Provide students with eggs and instruments such as rulers, measuring scales, measuring cups, string and measuring spoons.



Year 3 and 4 Australian Curriculum Links

Science

Natural and processed materials have a range of physical properties that can influence their use ([ACSSU074](#))

With guidance, identify questions in familiar contexts that can be investigated scientifically and make predictions based on prior knowledge ([ACSIS053](#))

Digital Technologies

Investigate food and fibre production and food technologies used in modern and traditional societies ([ACTDEK012](#))

Geography

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

Students investigate different ways of measuring the outside and inside of the egg, and develop a way to present their findings to the class, such as a poster, report, video, slideshow or part of a classroom blog.

Tell the students that they are not limited to the materials provided and if they need to use other classroom resources for their investigation, they can do so.

What's Inside an Egg?

Candling is a process that allows light to be passed through an eggshell to determine the quality of the inside contents. It can be done with fertilized eggs to view the growing embryo, or unfertilized eggs as a quality control measure.

Students in this group will conduct an investigation on how best to candle an egg in their classroom. They should have access to materials such as torches, modeling clay, boxes and blankets to help start their investigation.

Allow students time to research candling to help with their understanding of the process. Students hypothesise and test different ways of using light to see inside the egg. They then develop a presentation to report their findings back to the class.



Packaging Eggs

Students in this group will research and develop a new way of packaging eggs. Provide students with either 1 dozen eggs or toy plastic eggs, and a range of recycled materials for their investigation.

Allow time for the students to research traditional ways of packaging eggs and encourage them to devise questions such as 'Why are eggs packaged in an egg carton?' After their research, students are to create a design that allows them to think 'outside the egg carton'.

Students use various materials provided to make their egg packaging, and then hypothesise and test their design.

