

Join us to

# Grow Science

in your classroom

A series  
of four  
afternoons  
of online  
professional  
learning

Specially  
designed  
for Teachers  
of the  
primary  
and early  
years.

New  
Resources

Tue 3 Aug

Curriculum  
Review

Thur 19 Aug

Inquiry

Tue 10 Aug

Science  
Literacy

Thur 12 Aug

**ZOOM**  
**3:30-4:30pm**



Science  
Teachers  
Association of  
Queensland

Tue 3 August - 3:30-4:30pm

# New Resources



*Karina Tuite*

Education Officer  
RSPCA Queensland

## RSPCA's Education portal: AWARE (Animal Wellbeing: Awareness, Responsibility and Education)

How RSPCA's curriculum linked education portal AWARE supports the application of Science to Animal Welfare.

By applying scientific inquiry to student's natural interest in animals six, rich units of learning and engaging resources help achieve positive learning outcomes.

Together we change lives.

## Online food & fibre resources & programs for primary teachers to assist with Science Week

This webinar will showcase a number of educational programs and resources offered by Primary Industries Education Foundation Australia about food and fibre and how teachers can utilise these in the classroom during Science week and throughout the year.



*Luciano Mesiti*

CEO, Primary Industries Education Foundation Australia (PIEFA)



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Thur 19 August - 3:30-4:30pm

# Curriculum

## Teacher experiences when planning for curriculum changes

ACARA F-6 Intensive Engagement Project

In ACARA's F-6 Intensive Engagement Project, schools used the revised Australian Curriculum (AC) to create a scope and sequence to suit their context in order to test out the manageability of the revised AC. Teachers were provided support to collaborate with others, share ideas and evaluate current plans and practices to identify what aspects of the revised AC worked and what could be improved. This session will share teachers' experiences of planning with the revised AC: Science.



*Shelley Murphy*

Senior Curriculum Officer,  
Science (AC review) Curriculum

Tue 10 August - 3:30-4:30pm

# Inquiry



*Mary Rater*  
STAQ President

## Ambitious Science Teaching

Teaching science can be challenging particularly if we want students to be engaged and motivated to inquire about and understand what is happening in their world. Ambitious Science Teaching provides a useful and proven framework to complement the 5E teaching and learning cycle. From observation through to explanation, this student focused process keeps students involved in their learning journey

## Teaching Science with Archaeology

Bring the curiosity of archaeology into the classroom using practical case studies of how scientific inquiry answered mysteries from the past. This presentation will briefly outline how archaeology can be used to teach physical, chemical, biological and Earth/Sciences.



*Dr Serena Love*  
Principal Research Archaeologist  
Everick Foundation Pty Ltd



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Thur 12 August - 3:30-4:30pm

# Science Literacy

## Linking Science and Literacy with Picture Books

Use picture books in science lessons to spark inquiry, develop language, vocabulary, science understanding and critical thinking.



*Norah Colvin*

Educator, Writer, Consultant



*Donna Kleiss*

Classroom Teacher

## Scientific literacy for primary teachers

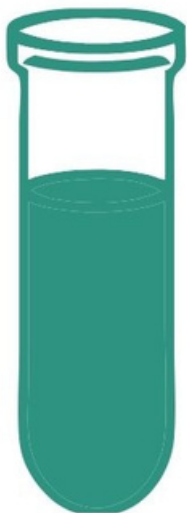
It is commonly accepted that scientific literacy in primary school is about reading and decoding of texts. This workshop explores an alternate multi-faceted approach to scientific literacy and will present a practical and pragmatic model for primary teachers. Student science learning is improved if the teaching and learning is multi-dimensional, and where scientific literacy moves beyond just decoding text and images

This approach embraces a focus on experimental skills, develops key-stone concepts, and strengthens student understanding of the particular social and cultural contexts of science. Presented as a hands-on workshop, it will model successful strategies and techniques that can be used to develop conceptual and practical experimental skills in science.

# Queensland Science Contest

- \*Scientific Investigations
- \*Engineering & Technology
  - \*Classified Collections
  - \*Environmental Action
- \*Communicating Science
  - \*Mathematical Investigations
- \*Poster Presentation

**It is currently  
in its 68th year!**



The Queensland Science Contest is an opportunity for Queensland students from Prep to Grade 12 to have their scientific work judged for awards and prizes.

**Over \$12000  
in prizes!**


\$5 for individual entries  
\$10 for group entries

**Register by  
7 October 2021**

More information:  
<http://www.staq.qld.edu.au/competitions/queensland-science-contest/>

**STA**  Science Teachers Association of Queensland

  
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