



Science Teachers' Association of Victoria Inc.

ABN 59 004 145 329

Patron: Dr Barry Jones, AO, FAA, FAHA, FTSE, FASSA, FRSA, FRSN, FRSV, FACE

5 Munro Street Coburg/PO Box 109 Coburg VIC 3058

P (03) 9385 3999 | F (03) 9386 6722 | E stav@stav.vic.edu.au | www.stav.org.au

2019 STAV Primary Workshop 1

Thursday 21 November at Mount Ridley College | 6-30 Hampton St, CRAIGIEBURN VIC 3064

A workshop for 1/2 and 3/4 Primary Teachers

Presenters: Cressida Byrne, Science Learning Specialist, Mount Ridley College
& Soula Bennett President STAV

An inquiry approach to the teaching of Primary Science- Promoting Literacy and Inclusion

Delegates attending this Workshop will discover that Primary Science units aligned to the Victorian Curriculum can be rich and rigorous, filled with engaging pedagogies that promote literacy and inclusion. They will be immersed in hands – on activities as they explore two units of work; Gastronomy and Light and Sound. The workshop will encompass:

- Development of Victorian Curriculum aligned Inquiry Units-Primary Level
- Contemporary Pedagogy
- Science as a vehicle for literacy
- Promotion of Inclusivity
- Critical Thinking
- Promotion of Explore activities to promote engagement
- Authentic eLearning
- Harness Key Vocabulary resources
- Sample Unit and lesson sequence
- Authentic eLearning strategies and resources

Rationale:

Primary Science units can be rich and rigorous, filled with engaging pedagogies that promote literacy and inclusion



Science Teachers' Association of Victoria Inc.

ABN 59 004 145 329

Patron: Dr Barry Jones, AO, FAA, FAHA, FTSE, FASSA, FRSA, FRSN, FRSV, FACE

5 Munro Street Coburg/PO Box 109 Coburg VIC 3058

P (03) 9385 3999 | F (03) 9386 6722 | E stav@stav.vic.edu.au | www.stav.org.au

Activities

Grade 3/4 - Gastronomy

- A change of state between solid and liquid can be caused by adding or removing heat ([VCSSU059](#))
- Natural and processed materials have a range of physical properties; these properties can influence their use ([VCSSU060](#))
- Heat can be produced in many ways and can move from one object to another; a change in the temperature of an object is related to the gain or loss of heat by the object ([VCSSU063](#))

Grade 1/2 - Light and Sound

- Light and sound are produced by a range of sources and can be sensed Light and sound are produced by a range of sources and can be sensed ([VCSSU049](#))
- Respond to and pose questions, and make predictions about familiar objects and events ([VCSIS050](#))

Program

2:00pm

Arrival and Afternoon Tea

2:15pm

Workshop Commences

- Observation of a compilation of recorded practise showcasing different Pedagogical approaches to the inclusive teaching of highly engaging STEM units at a Primary level and completion of Observation template
- Student centred pedagogies-Why. How. The Benefits
- Harness Key Vocabulary- Why. How. The Benefits
- Learning Primary Science through Explore Activities and games-Why. How. The Benefit Predict-Observe-Explain cycle in Primary Science-Why. How. The Benefits

4:15pm

Workshop close and resource provision

Resources

- Sample unit plans (Kitchen Science and Light and Sound)
- Harness Key Vocabulary activities and resources
- Explore activities including sample Amazing Races and games

Cost: \$35.00 per person (GST Included)

