

Session 2: Indigenous Pedagogies in Science



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ATSIMA 2020 Biennial Conference



 **ATSIMA 2020**
Biennial Conference
‘Nhe waṇana’ ‘Nhe djāmamirriyaṇana’
‘Speak It’ ‘You Create It’
Yirrkala, North East Arnhem Land
Monday 27 - Thursday 30 JULY 2020
Garma Festival of Traditional Cultures begins on Friday 31 July 2020

SAVE the DATE

Aboriginal and Torres Strait Islander Mathematics Alliance
www.atsima.com

The Scientific Method

Problem

Identify the problem (question)
Collect information
Form a hypothesis

Procedure

Test the hypothesis
Experimental Design

Observations & Data

Make observations
Assemble tables and graphs

Conclusions

Support or reject hypothesis
based on data
Report and publish results



The Bachelor of Science (Extended) ... an alternative pathway into a STEM future

What we set out to do

- Provide an alternative pathway into the BSc
- Adopt an interdisciplinary approach, including Indigenous knowledge
- Support individual student skill enhancement
- An integrated model of support

