




ABORIGINAL & TORRES  
STRAIT ISLANDER  
MATHEMATICS  
ALLIANCE

## WHO ARE WE

The Aboriginal and Torres Strait Islander Mathematics Alliance (ATSIMA) is an Indigenous-led non for profit. ATSIMA is creating ways of teaching and learning that connect maths to First Nations Australian histories and cultures.

**ATSIMA VISION IS THAT ALL  
ABORIGINAL AND TORRES STRAIT  
ISLANDER LEARNERS ARE  
SUCCESSFUL IN MATHEMATICS**



**PARTNERING  
WITH ATSIMA  
ALLOWS YOUR  
SCHOOL AND  
COMMUNITY TO  
IMPACT ON  
STUDENT  
LEARNING  
OUTCOMES AND  
HELP 'CLOSE  
THE GAP'**

## WHAT WE DO

ATSIMA's Consultancy provides professional learning opportunities in **culturally responsive mathematics education** for educators of First Nations Australian learners.

Consultancy is also available for schools and education systems wanting to embed First Nations Australian histories and cultures in their maths curriculum.

**Connecting culture with mathematics** supports cultural identity. This approach honours and embraces Community partnerships that enable culturally responsive classroom and school practices.

Experienced ATSIMA consultants can provide support for both primary and secondary schools, tailored to individual needs, and designed with you to meet your school/systems needs.

Underpinning our consultancy is a focus on Pedagogy and Curriculum that **leads to improved maths learning outcomes with First Nations Australian learners**. We work with Community and education leaders, school leadership, First Nations Australian educators, teachers, and support officers.



## CONTACT US

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## WHAT THIS INCLUDES

- Learning about Prof. Chris Matthews' Goompi Model of teaching and learning
- Learning about the rich contexts and maths elaborations in the Aboriginal and Torres Strait Islander Histories and Cultures cross-curriculum priority in the Australian Curriculum: Mathematics
- Support for the development of contextualised classroom resources
- Whole staff professional learning meetings and workshops
- Support for professional learning teams and research projects

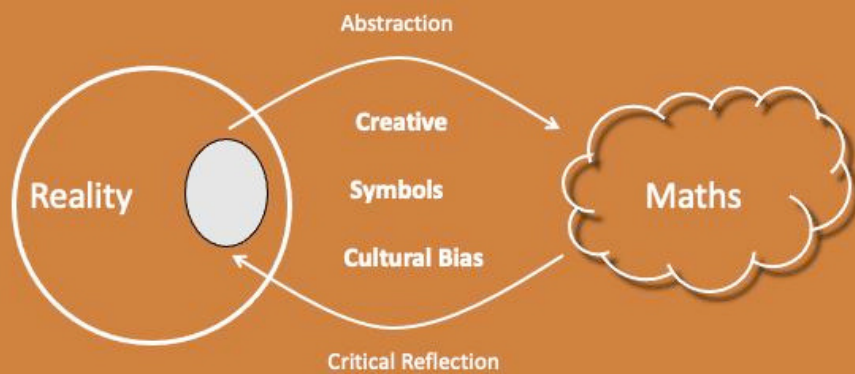
## WHY WE DO IT

Mathematics education is failing First Nations Australian learners. NAPLAN and PISA results continue to highlight the gap in maths learning outcomes of up to 2 years difference between First Nations Australian learners and non-Indigenous students. The Prime Minister's Closing the Gap Report 2020 reported between 17-19% of Indigenous students were below the national minimum standards in numeracy. As a result, First Nations Australian people are significantly under-represented both professionally and academically within STEM fields across Australia. This must be changed.

## WHEN AND HOW MUCH

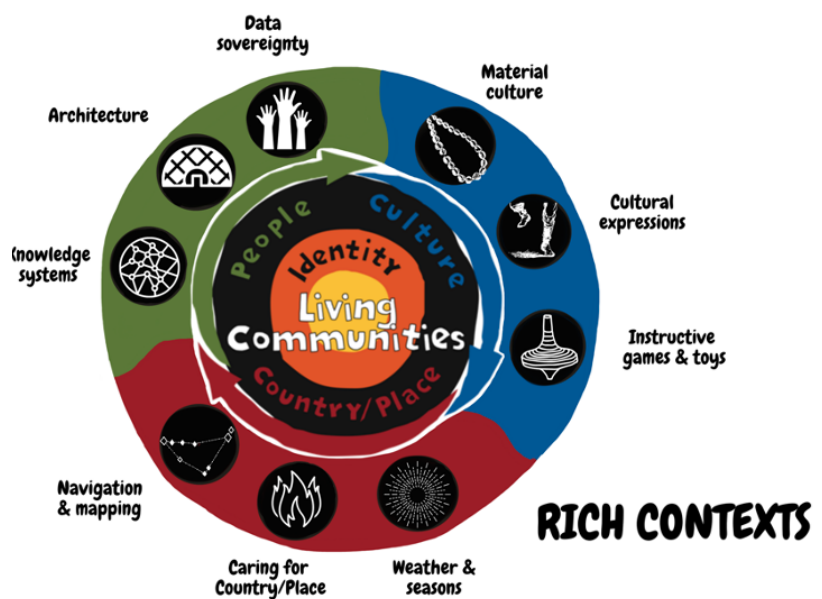
Our consultancy costs are negotiable. Generally, costs begin at \$3,200 for one day's professional learning (doesn't include travel and accommodation costs). Contact us to discuss availability and packages for 2022-2023.

## PROF. CHRIS MATTHEWS' GOOMPI MODEL



**ATSIMA EXISTS TO TRANSFORM MATHEMATICS EDUCATION FOR FIRST NATIONS AUSTRALIAN LEARNERS**

## THE REVISED AUSTRALIAN CURRICULUM MATHEMATICS



The revised Australian Curriculum: Mathematics now has over **100 content elaborations** in First Nations Australians' histories and cultures. Each elaboration is connected to a **rich context** that tells a narrative through the maths strand and across the year levels. The rich contexts reflect the 3 key concepts of **People, Culture and Country/Place**.