



TEACHING CULTURE = DEEP LEARNING

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

ATSIMA is an Indigenous-led, non-for-profit organisation creating ways of teaching and learning that connect maths to Aboriginal and Torres Strait Islander histories and cultures

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

WHAT WE DO

- Provide professional learning opportunities in GOOMPI MATHS ie culturally responsive mathematics education
 - Support cultural identity and embrace Community partnerships
 - Provide support for both primary and secondary schools
 - Work with school communities and education systems
 - Design learning with you to meet your school/system's needs
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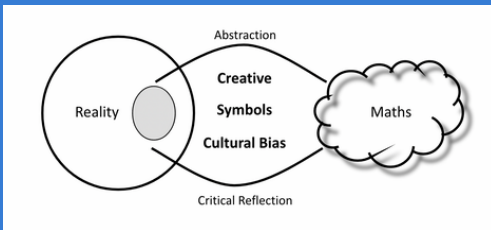
WHY WE DO IT

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

PROFESSIONAL LEARNING PROGRAMS

1-6 DAY PROGRAM (EACH SESSION BUILDS ON THE PREVIOUS ONE)

- **Session 1: Connecting maths and culture**
 - the Goompi Model
 - example units of learning
 - building relationships with Community
- **Session 2: Applying the Goompi Model**
 - strategies and examples for applying the Goompi Model in the classroom
 - an introduction to the ATSIMA Planning Tool
 - Introduction to the *Interactive Numeracies* rich learning tasks
- **Session 3: Creativity in the classroom**
 - builds on days 1-2 and includes:
 - creativity and teaching maths
 - a dive into some rich contexts in the Australian Curriculum: Mathematics
 - planning for the classroom with the Goompi Model
- **Session 4-6: Implementing and sustaining Goompi Maths**
 - build on previous days with more comprehensive strategies that support educators to create, plan, implement and sustain Goompi Maths



PROF. CHRIS MATTHEWS GOOMPI MODEL

COSTS

Session 1 - \$2,300* (excluding GST)

Session 1 & 2 - \$4,450* (excluding GST)

3 or more sessions - \$2,100* per session (excluding GST)

(*plus any travel and accommodation costs)

CONTACT US

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THE NEW AUSTRALIAN CURRICULUM: MATHEMATICS



RICH CONTEXTS

The revised Australian Curriculum: Mathematics now has over **90 content elaborations** in the Aboriginal and Torres Strait Islander Histories and Cultures cross-curriculum priority. Each elaboration is connected to a **rich context** that tells a narrative through the maths strands, and across the year levels and reflects the 3 key concepts of **People, Culture and Country/Place**.