

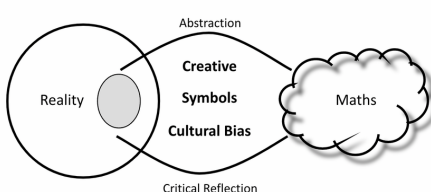


TEACHING CULTURE = DEEP LEARNING

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

ATSIMA is an Indigenous-led, not-for-profit organisation creating ways of teaching and learning that connect maths to Aboriginal and Torres Strait Islander histories and cultures

**PARTNER WITH
ATSIMA TO
SUPPORT
IMPROVED
STUDENT
LEARNING
OUTCOMES
THAT 'CLOSE
THE GAP'**



**PROF. CHRIS
MATTHEWS
GOOMPI
MODEL**

WHAT WE DO

- Support cultural identity and embrace Community partnerships
- Provide professional learning in the GOOMPI MODEL and culturally responsive mathematics education
- Collaborate with school communities and education systems
- Co-design and localise learning to meet your Community/school/system's needs

WHY WE DO IT

Mathematics education is failing Aboriginal & Torres Strait Islander students. 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 students 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

From 90 minute introduction sessions to a 6 day program

1-6 DAY PROGRAM

(EACH SESSION BUILDS ON THE PREVIOUS ONE)

- **DAY 1: Connecting maths and culture**
 - the Goompi Model
 - example units of learning
 - building relationships with Community
- **DAY 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
- **DAY 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
- **DAYS 4-6: Implementing and sustaining Goompi Model**
 - builds on previous days with more comprehensive strategies that support educators to create, plan, implement and sustain Goompi Model

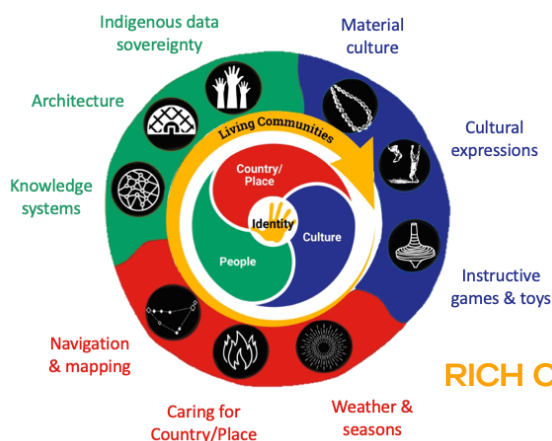
COSTS

Please contact ATSIMA on enquiries@atsima.org to discuss costs for your school or organisation.

CONTACT US

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www.atsima.com

THE AUSTRALIAN CURRICULUM: MATHEMATICS



Version 9 of the Australian Curriculum: Mathematics 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**.