



ATSIMA'S PLAN FOR TRANSFORMING MATHEMATICS EDUCATION FOR ABORIGINAL AND TORRES STRAIT ISLANDER LEARNERS

INTRODUCTION

ATSIMA has an ambitious, achievable 2022-2025 plan for large-scale, national reform in mathematics education that supports:

- All Aboriginal and Torres Strait Islander learners to be successful in mathematics
- All Australian learners to access culturally responsive mathematics education.

This plan will meet 4 of the Australian Government's Alice Springs (Mparntwe) Education Statement Targets and its commitment to empowering Aboriginal and Torres Strait Islander students to reach their potential and close the gap in education outcomes.

ATSIMA is positioned to leverage its achievements to date - such as its collaboration with the Australian Curriculum, Assessment and Reporting Authority to develop content for the Australian Curriculum: Mathematics - to implement this plan through collaborations with Communities and organisations across Australia.

THE CHALLENGE

Every year since its inception in 2008, NAPLAN data has confirmed the academic achievement gap between Aboriginal and Torres Strait Islander learners and their non-Indigenous counterparts. While this remains the case, many Aboriginal and Torres Strait Islander learners will be denied opportunities for economic viability, jobs, career pathways, and higher education entrepreneurship. The learning outcomes of Aboriginal and Torres Strait Islander learners in mathematics will not improve until urgent action is taken.

ATSIMA'S PLAN

ATSIMA's staged, 4-year plan consists of 4 interconnected initiatives:

INITIATIVE 1: Culturally Responsive Mathematics Education Resources aligned to the Australian Curriculum: Mathematics that will support educators to implement Aboriginal and Torres Strait Islander histories and cultures content through teaching and learning

INITIATIVE 2: A Comprehensive Online Professional Learning Program to improve educator capability in culturally responsive mathematics education and scaled up through a Train the Trainer program

INITIATIVE 3: A Schools Leadership Program that will support clusters of connected schools that are making a difference

INITIATIVE 4: A National STEM Camps Program for Aboriginal and Torres Strait Islander learners that focuses on mathematics and STEM as a career pathway

HOW YOU CAN BE INVOLVED

Support and collaborate in ATSIMA's scalable plan to drive these 4 initiatives to improve practice underpinned by sustained growth.

Pivotal to implementing this plan is ATSIMA's ever-growing network across Australia of key stakeholders, collaborators and potential partners.

Each initiative is supported by a comprehensive project proposal.

You are invited to contact us.

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