



# Ngaparrtji Ngaparrtji Two-way Science

Two-way Science supports schools to build partnerships with local Aboriginal communities to develop integrated culturally responsive learning programs that connect the Western Australian Curriculum Science to Aboriginal knowledges.

Two-way Science provides an opportunity for all students to learn about science from the world's oldest continuing cultures.

## Project aims

- to build respect for Aboriginal histories, cultures, people, knowledges and experiences amongst school staff and students
- to strengthen Aboriginal student wellbeing, engagement and learning.

## Initiative features

- learning on country
- school program co-designed with local Aboriginal community
- professional learning includes workshops on country and regular webinars
- schools share practice in local networks and online learning community
- coaching and mentoring provided.



# Our Impact 2024

**51 schools, 28 Aboriginal language groups,  
21 Aboriginal organisations across 8 regions**

**Intergenerational cultural knowledge sharing**

**Culturally responsive schools**

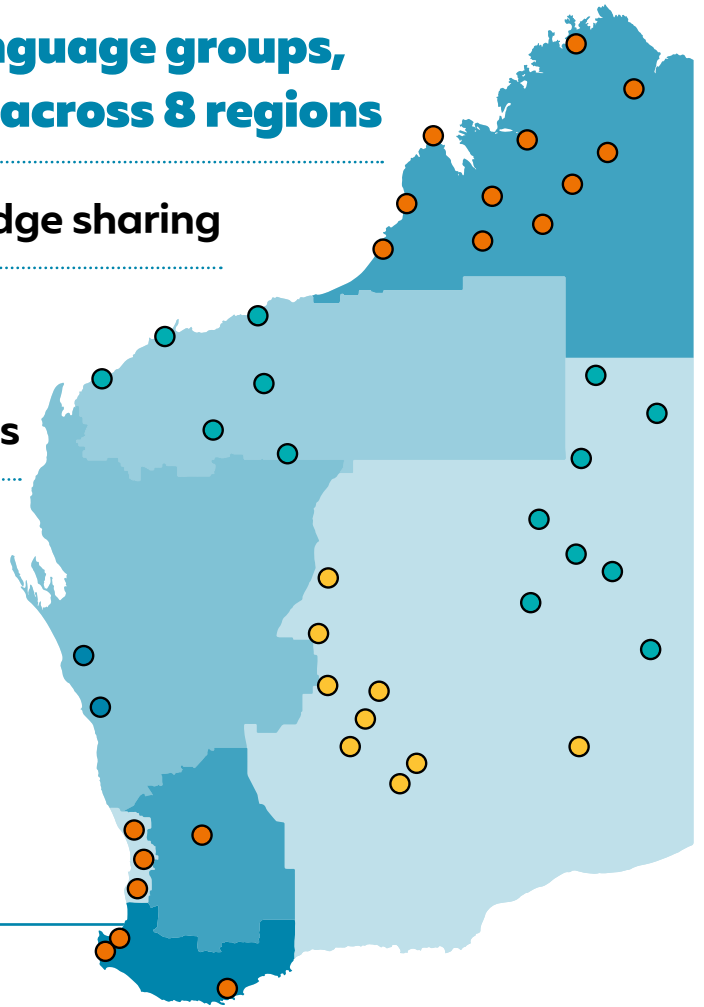
**Enhanced community relationships**

**Empowered community voices**

**Improved student engagement**

**Cross-curricular integration**

**Improved teacher capacity**



## Staff evaluation measures



**93%**

are more confident to link learning on country led by the local Aboriginal community to classroom learning



**96%**

agreed they had connected the Western Australian Curriculum to local Aboriginal knowledges



**96%**

are more confident to support student learning on country



**79%**

are more confident to build new partnerships

"We know that our senior people have knowledge that is really important to our students. What others call 'science', we call 'life'."

**Daisy Tjupantarri Ward**  
Ngaanyatjarra Lands

"We're talking about nature, about what's going on in Country and in this area. When we go on trips, it's not just the children that are learning, it's also adults. Kids come away with more learning, more knowledge, the traditional way."

**Jody Ward, IPA Ranger**  
Kiwirrkurra

"For me, Two-way Science has provided a way of thinking, planning and integrating Aboriginal perspectives and Western science in a meaningful and powerful way."

**Karen Povey, Principal**  
Makybe Rise Primary School