

# Contact Us

Professor Roberta (Bobbie) Hunter:  
R.Hunter@massey.ac.nz

Dr Jodie Hunter:  
J.Hunter1@massey.ac.nz

<http://www.cerme.nz/dmic>



”

*Maths is everywhere.  
Maths is part of  
[their] culture ...  
The value of maths  
changes and the idea  
that maths is hard or  
alien or random  
changes as well.*

- DMIC TEACHER



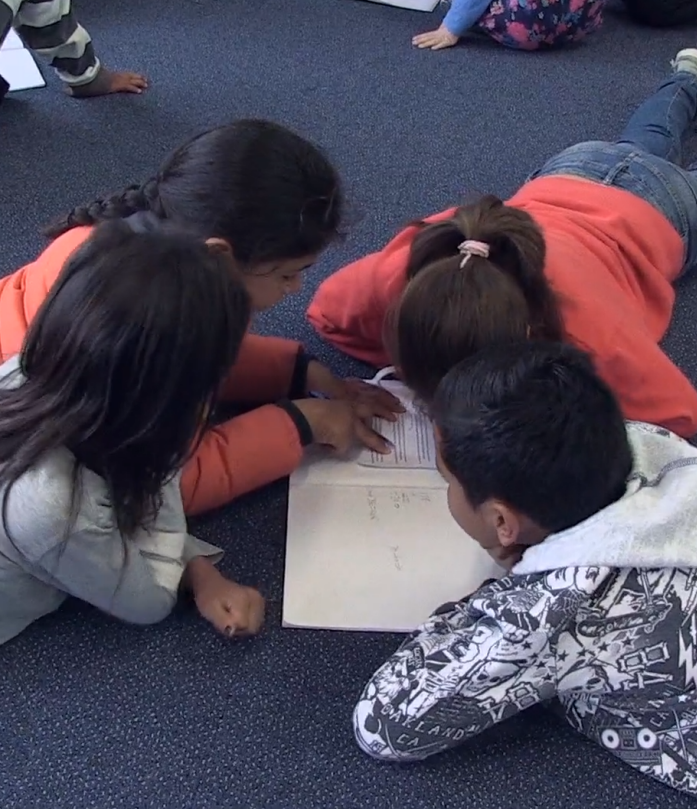
## Developing Mathematical Inquiry Communities



MASSEY UNIVERSITY  
TE KUNENGA KI PŪREHUROA  
UNIVERSITY OF NEW ZEALAND

TRANSFORMING MATHEMATICS  
TEACHING AND LEARNING





# Outcomes

## WHAT WE'VE SEEN

- Dramatic lifts in mathematics achievement for all students, with particular gains for Pāsifika, Māori, and previously under-achieving learners
- Transformations in teachers' views of what mathematics is, who can learn mathematics, and how children best learn mathematics
- Increases in students' confidence, participation, reasoning, oral language, cultural identity, and responsibility for their own and others' learning
- Reductions in bullying and disengagement



# Components

## WHAT DMIC INVOLVES

- A whole-school commitment to transforming mathematics teaching and learning by adopting research-based, culturally sustaining practices
- All children are engaged in rich, challenging mathematics, reasoning, and discourse
- Professional learning days and dynamic in-class mentoring conducted by DMIC staff
- Emphasis on equity, social justice, disrupting deficit or 'fixed mindset' thinking, and linking mathematics to students' cultures and lives



# Learn More

## VIDEOS AND RESOURCES

- NZ Ministry of Education DMIC Best Evidence Exemplar:  
<http://bit.ly/2HJxjBI>
- Video series showing DMIC in NZ schools:  
<http://bit.ly/2GqvI4m>  
<http://bit.ly/2FMWlmT>  
<http://bit.ly/2pm8a9A>
- A recent book chapter about DMIC:  
<http://bit.ly/2Girm5U>