

Summary of Practice

Professional Learning and Development Accreditation

Personal Profile

First name and Surname	Bruce Taplin
Your iwi (optional)	Te Whakatōhea
Personal statement (optional)	<p>Bruce has worked in the teaching and training profession since 1985 and joined the PLD Te Whānau Maioha team in 2013. Bruce has taught in mainstream schools in South Auckland, and also worked as a Māori Access Training Liaison Officer with unemployed groups for three years.</p> <p>After returning to the teaching profession in 1998 Bruce helped set up and teach in a Māori Enhancement unit.</p> <p>In 2006 Bruce became a lecturer at the University of Auckland, teaching Pāngarau and Hangarau on the Māori Medium Te Huarahi Māori BEd degree, and te reo Māori me ona tikanga, Māori history, and Treaty of Waitangi issues in the mainstream BEd degree and the Graduate Diploma programmes.</p> <p>Since joining the Te Whānau Maioha team, Bruce has facilitated PLD in Pāngarau and Programme for Students (Pāngarau).</p>

Professional Learning and Development Overview

<p><i>Area(s) of specialist professional learning and development expertise in relation to quality teaching practices</i></p>	
<ul style="list-style-type: none"> • Te Reo Māori speaker • Deep curriculum and assessment knowledge in Te Poutama Tau, Whanaketanga and Whenu documents • Collaborative leadership including coaching and mentoring • Relationship building with groups of kaiako • 	<ul style="list-style-type: none"> • Planning and delivering Pāngarau programmes for students who are below their expected level • Leading change using strategic planning and management systems • Developing and using relevant Pāngarau resources

Professional Information

<p><i>Qualifications/academic study/areas of original research/current research</i></p> <p>1996: Masters of Education (Māori) (University of Auckland)</p> <p>1987: Bachelor of Arts (University of Auckland)</p> <p>1984: Trained Teacher's Certificate (Auckland Teacher's College)</p> <p>Bruce is currently working with fellow facilitators and the School of Engineering (UoA) to develop a pāngarau app to help facilitate the teaching of fractions in the classroom. The impact of this app will be monitored and analysed as to its effectiveness in supporting the teaching and learning of fractions. The app will also undergo ongoing development so that it can be used in other Pangarau strands including geometry, measurement, patterns and relationships, direction, place and transformation.</p>

Experience in the delivery of professional learning and development in relation to expertise

Bruce's PLD work has covered Pangarau and Programme for Students (Pangarau) MoE Contracts working with Reo Rua and Rumaki Reo units in mainstream schools, and Kura Kaupapa Māori schools. The PLD covered has included planning and delivery of classroom maths programmes, analysing student data and using this to inform teaching practice, modelling pangarau activities, observing and providing feedback, planning and leading kaiako PLD, working with individual kaiako, syndicates, whole school staff, and clusters, teaching and facilitating accelerated learning in maths programmes for students at below or well below their applicable standard.

Conference presentations

2016: 13th International Congress on Mathematical Education, Hamburg, Germany

Presentation: He Puawaitanga Harakeke – Using Technology to Accelerate Learning in Indigenous Language Schools

2014: 5th International Congress on Ethnomathematics, Maputo, Mozambique Presentation: Reintroducing Ethnomathematical Practices in the Classroom: Linguistic and Pedagogical Issues

2005: Te Reo Pāngarau, University of Auckland

Summary of examples of practice

Bruce has worked in a range of reo rua, rumaki reo and kura kaupapa Māori educational settings, mainly in Auckland, but also in the Northland and Bay of Plenty regions through a range of PLD activities such as clusters, school-wide and/or group workshops, one to one visits, modelling and observations to support:

- rich Pāngarau pedagogical classroom practices and confidence in maths content knowledge
- effective assessment practices to inform content planning and delivery
- improved student outcomes through evidence based learning
- communicating mathematically in te reo Māori and the use of appropriate language learning and teaching strategies

Referees

“Nga mihi nui ki a koutou nga pouako i te whare wananga – he ngakaunui matou ki a Matua Bruce me tona wairua, ngakau mahaki ki a matou me te ropu Mauriora, nau mai, hoki mai ano a tera tau.”

– **Kaiako Rumaki Reo Unit, PLD Pangarau Evaluation 2015**

“Bruce explained and helped me plan for a term. A big issue for my students was Tau. I am happy to say that some of my students have progressed in their levels since last year. My students learning changed from “scary maths’ to ‘Do we have maths today?’ Making maths fun and the kids wanting to know the new strategy has been rewarding.”

– **Kaiako, KKM, PLD Pangarau Evaluation 2015**

Referee One

Referee Name	Sonia Johnston (Principal)
Contact Number	(09) 266 5731
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Referee Two

Referee Name	Lee-Ann Tutengaehe (Deputy Principal)
Contact Number	(09) 528 0210
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