# Professional Learning and Development Accreditation

The following summary of practice provides a personal profile and a summary of your expertise.

## Personal Profile

| First name and Surname | Morgan Rangi |
| --- | --- |
| Personal statement | My role as a professional development facilitator is informed by 14 years' teaching, particularly in low decile Auckland schools, and     ten years as a Head of Department. |

## Professional Learning and Development Overview

Areas of specialist professional learning and development expertise in relation to quality teaching:
- Deep knowledge of Mathematics and Statistics curriculum and assessment
- Analysis and interpretation of quantitative data
- Academic counselling
- NCEA and asTTle assessment practices
- Communication, teaching and facilitation skills
- Development of tools to support data analysis in schools
- Collaborative expertise and building relational trust
- Models of inquiry linked to The New Zealand Curriculum
- Course planning and review

## Professional Information

**Qualifications:**

**2001**: Diploma of Teaching (Secondary), University of Auckland
**2000**: Bachelor of Science, University of Auckland

**Research Interests**

Morgan's research interests have concentrated on data analysis practices within New Zealand secondary schools.

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

November 2014 – present: Facilitator for Starpath Project, the University of Auckland.
January 2016 – July 2016: Secondary Mathematics Facilitator, Senior Secondary Achievement Contract, Team Solutions, the University of Auckland.
2013 – 2014: Mathematics and Statistics Curriculum Specialist, Teach First, the University of Auckland.
2006 – 2014: HOD Mathematics and Statistics, Onehunga High School – delivering professional learning on Mathematics and Statistics curriculum to teaching colleagues.

**Recent Conference Presentations**
**2016:** NCEA and e-asTTle – Masters of Teaching (Secondary), University of Auckland.

**Recent Workshops**
**2016:** PRT2 workshop
**2015:** Starpath Data Workshop

**Publications**
Kiro, C., Hynds, A., Eaton, J., Irving, E., Wilson, A., Bendikson, L., Cockle, V., Broadwith, M., Linley-Richardson.T. & Rangi, M. (2016). Starpath Phase 2. Final Evaluation Report. Auckland, Starpath Project, the University of Auckland.

**Special interest area**
Quantitative data analysis leadership in secondary education.

## Summary of examples of practice

As a successful facilitator of professional learning and development I have the ability to assist and coach teachers, middle and senior leaders to improve student outcomes. This is evidenced through my expertise and experience as a mathematics subject specialist where I have coached middle leaders to raise student achievement and provided professional learning on the Mathematics and Statistics curriculum, e-asTTle testing and analysis, and NCEA assessment requirements.

My experience as both a teacher and facilitator of Starpath practices has enabled me to focus on analysing achievement data for schools and using this to inform achievement focus on data utilisation and improving University Entrance achievement in secondary schools, as well as supporting schools with the implementation and development of academic counselling, three way conversations with students, teachers and parents, and the use of core group meetings and achievement for Years 9 and 10.

## Referees

The following two referees can attest to the information supplied:

### Referee One

| Referee Name | Gareth Leadbeater |
|---|---|
| Contact Number | 027 366 7232 |
| Contact email address | gleadbeater@ohs.school.nz |

### Referee Two

| Referee Name | Nadeen Papali'i |
|---|---|
| Contact Number | 021 481 502 |
| Contact email address | NadeenP@tangaroa.school.nz |