



Numeracy Deep Dive

Developing Students' Numeracy through Professional Collaboration

The Deep Dive in Numeracy involves a PDST Advisor and a pair of teachers, one Mathematics and one from a so-called carrier subject, collaborating in lesson design with a particular focus on developing numerical understanding across the subjects. The project involves:

- teachers identifying and agreeing on a topic that shares features with both Mathematics and the carrier subject;
- collaboration between the teachers, in pairs, in design of a unit of learning;
- lesson delivery and review;
- the integration of digital technologies in lesson design and delivery.

Over the past three years, the project has resulted in positive outcomes including motivational gains by students who perceived Mathematics to be challenging. It has also led to an increased student capacity to self-assess and to transfer and apply ideas across Mathematics and the carrier subject. Professional learning through collaboration with colleagues leads to deeper understanding of the numeracy of carrier subjects and how best to support those subjects in a Mathematics classroom.

Other findings resonated strongly with some of the statements of highly effective practice in relation to all of the domains of the Teaching Dimension of Looking at Our Schools and of Domain 1 of the Leadership and Management Dimension regarding Leading Teaching and Learning.

Register your interest at

[Numeracy Deep Dive signup](#)

Places will be allocated on a first come first served basis so book early to avoid disappointment.

