



WAIKATO MATHEMATICS ASSOCIATION 2018

Workshops – Pip Arnold and Neil Marshall from Cognition

WHEN: Thursday 21st June 2018,

WHERE: Auditorium, Hillcrest High School, Masters Ave, Hillcrest, Hamilton.

FOR: Current teachers in schools

Choose ONE or BOTH of the two options below. Each session is 1½ hours long.

22pm	Meet and Greet
<p>Session One</p> <p>2.15 – 3:45 pm</p>	<p>Teaching and Learning and Professional Development Led By Neil Marshall and Pip Arnold</p> <p>Workshop and discussion covering the following topics around :</p> <ul style="list-style-type: none"> • How to access Ministry of Education funded Mathematics PLD? What PLD can be provided? Who provides it? • Tracking students through Year 7 to 10 • Equity and acceleration • Front loading students (see below for explanation)
<p>Afternoon tea</p> <p>3.45-4.15pm</p>	<p>Chance to network and have some refreshments</p>
<p>Session Two</p> <p>4:15 - 5.45pm</p>	<p>NCEA internals. Led By Neil Marshall.</p> <p>Working through an internal. How do you know if its Achieved, Merit or Excellence? General discussion about issues of internal assessment.</p>

Cost: Koha to cover costs of afternoon tea and refreshments

Registration: needed for catering and photocopying purposes.

NOTE: We reserve the right to limit numbers to ensure a broad spectrum of teachers from various schools.

Registration will be confirmed by email to Ingrid Rinsma (irinsma@hillcrest-high.school.nz) by the latest 18 June 2016.

If you are emailing a registration on behalf of your school, in your email please give the names and emails of all participants.

You will also need to specify which session(s) each person wishes to attend.

Presenters

Pip Arnold

Pip was a project director for the primary mathematics contract for the North Island from 2012–2016. Pip has experience in curriculum and assessment development. She was a member of the mathematics and statistics curriculum writing team and has been involved in achievement standard development both in the standards realignment team and in assessment resource development. Pip led the development of the secondary senior guides for mathematics and statistics on TKI.

Neil Marshall

Neil is an expert in secondary education, with experience working in advisory, middle and senior leadership both in New Zealand and abroad. Neil is passionate about teaching and learning in mathematics and statistics, as well as the role data plays in driving and evaluating teaching as inquiry projects in schools. Previously, Neil worked for NZQA in the Assessment and Moderation business unit, working alongside schools to explore how assessment can be innovated for NCEA qualifications. Neil joined the Cognition team in 2018, working as the project lead for multiple New Zealand Ministry of Education contracts.

Explanation of Front loading

In the accelerated learning in mathematics projects it is usual to identify the skills and vocabulary students need to access during the lesson and work with a small group (6-8) of students who are likely to find the work challenging to front load these skills and vocabulary before the lesson. In the projects the students are identified from data and the same data is used to measure progress.

Parking

There is no parking on site before 3.35pm so you will need to park on the road. DO NOT USE THE STAFF CARPARKS.



Parking on road and onsite from before 3.35pm

Auditorium

Parking on road before 3.20pm