

About The Le@rning Federation (TLF) Initiative

Background

The Le@rning Federation is a collaborative initiative between the governments of Australia and New Zealand. The aim is to develop a pool of quality digital content (learning objects) in maths / numeracy, literacy (for students at risk), science and LOTE (languages other than English).

An advisory group was set up in 2002 to review 30 numeracy learning objects and decide whether this content could be re-purposed from English into te reo Māori. The advisory group agreed that this content had potential but modifications would be required, to better suit Māori medium students and teachers. As a result 30 learning objects were re-purposed. This involved some enhancement such as adding additional audio and animation and redesign of the graphics. The 'essence' of the content was translated, and in some cases additional content was created. The learning objects were trialled in several schools and modified as a result of feedback from students and teachers.

Links to other relevant research and maths websites

<http://www.nzmaths.co.nz/maori/index.htm>

<http://www.tki.org.nz/e/community/maths/>

Scope of current trial

Poutama Tau facilitators have the opportunity to receive copies of *Pāhekoheko Tau Matihiko* CD-ROM and to gain access to Te Pātaka Matihiko: Our Digital Storehouse (<http://www.tki.org.nz/r/digistore/>).

Facilitators are asked to trial this content for six months and to provide feedback to the Ministry of Education. Information gained from this trial would inform the wider roll-out of this content to Māori medium schools.

Purpose of the trial

To provide recommendations to the Ministry on the following:

- whether to re-purpose future learning objects, develop additional learning objects from scratch or a combination of both
- identification of gaps for the future development of digital content; both within maths and across other essential learning areas
- identification of existing resources (digital or non-digital) that could complement this digital content
- other additional support material that could be developed to support the wider roll-out of this content.

Role of the Poutama Tau facilitator

Their role is to:

- encourage 'interested' teachers to incorporate these learning objects into existing programmes of learning, along with other relevant resources (both digital and non-digital)
- provide feedback to the Ministry on:
 - the usefulness of the resource
 - the support material required for a wider roll-out of this content
 - what additional learning objects (if any) could be developed in the future via an online survey and questionnaire.