

Teaching and learning programme development and/or focus
 Mathematics programmes will follow the draft Overviews that allow for 60% numeracy in Years 5 and 6 and 80% numeracy in Years 0 to 4
 Teachers will use 2008 GloSS testing to determine initial strategy groups across the three operational domains
 NumPa will be administered to all New Entrants within their initial bank of assessments
 IKAN assessments will be administered in Terms 1 and 3 to inform 'knowledge' teaching and track children's progress
 GloSS assessments will be administered in Terms 2 and 4 to inform 'strategy' teaching and track children's progress
 The strategy teaching model will form the basis of all group teaching

ACHIEVEMENT TARGET FOR Numeracy 2009

Target for improving student achievement
 By the end of 2009 –
 90% of year 6 students will be operating at a 'Global Strategy Stage' of 6 (Advanced Additive) or above
 90% of year 4 students will be operating at a 'Global Strategy Stage' of 5 (Early Additive) or above

Staff and personal professional development
 Professional Development will include – whole staff workshops facilitated by lead teachers, based on specific needs e.g. Knowledge and Strategy assessment, Proportion and Ratios etc.
 New staff, not already Numeracy trained, will be supported in their implementation of Numeracy through the 'Pick Up' programme provided by Team Solutions, supported by lead teachers
 Lead teachers will be members of a 'Lead Teacher' cluster – Team Solutions
 Lead teachers and other interested staff will have opportunities for further professional development
 Professional development on Ka Hikitia to understand the needs of Maori students in the context of numeracy

Links to Strategic Planning
 1.1.3 A continuation of implementation of PD in Numeracy
 1.2.1 Track performance in Numeracy with a variety of tools
 1.2.7 90% of year 6 students will be at stage 6 or above in Numeracy testing by Nov 09 and 90% of year 4 students will be at stage 5 or above.
 3.1.6 Lead Teacher Cluster and Numeracy Pick Ups in conjunction with Team Solutions

Baseline Data Historical position
 GLoSS and IKAN testing has been undertaken in 2008 and this was used as the basis of reporting to parents and the BoT at the end of the year
 During 2009 teachers will use the updated IKAN and GloSS tests to inform teaching programmes and as the basis of reporting to parents. This will be input into Schoolmaster.

Ongoing/Comparative Assessment
 Knowledge (IKAN) and strategy (GloSS) data will be compared against final data from 2008 testing.

Review
 Continue to monitor progress and alter target group and targets as necessary.

Reporting
 Data collection and information will be reported to the BoT for the November BoT meeting. There will be interim reporting through principal reports during BoT meetings over the 2009 school year.
 Report on Specific Maori achievement will be shared with BoT by deputy principal.

Resourcing
 Continue to purchase appropriate numeracy support documents and materials for classrooms
 Continued teacher release – support for new staff who have not previously been trained.

Community Involvement
 Parent Information Evening – Team Solutions to support
 A parent meeting specifically for Maori will be held.

Targeted Children in Following Rooms:
 All Year 6 students
 Rooms 4, 8, 10/28, 14, 17, 16 and 22
 All Year 4 students
 Rooms 3, 9/27, 13, 18, 21
 Maori students who are working below cohort