

Weedons School Mathematics Target 2014

Strategic Goal 1

Students are able to achieve their best level of attainment in literacy and mathematics.

Strategic Goal 2

Maori students are engaged in their learning and are achieving success as Maori.

Annual Aims

To increase the number of students achieving at or above the National Standard in mathematics.

To increase the achievement levels of Maori students performing below National Standard in writing and mathematics.

2014 Target

The 2014 cohorts of year 6 and year 8 students achieving below the National Standard at the end of 2013 will have made more than one year's progress in order to achieve at or above the standard in mathematics.

Baseline Data

Analysis of school-wide mathematics data (OTJ's against National Standards) in November 2013 identified some concerns in the 2014 year 6 and year 8 cohorts. The data showed 42% of year 6 students and 37% of year 8 students were below standard at the end of 2013. Both of these groups have been identified in previous years and have had targeted support. Last year, the year 7 targeted group (now year 8) made significant progress. While they may not have met standard, confidence and skill levels grew with the interventions used. We feel that with the same programmes this year and continued commitment and focus they can reach standard.

Year 6 analysis

This group consists of 9 students, 5 girls and 4 boys, some Pakeha and some Maori students.

Common areas that are barriers to achieving at standard are the students' difficulty in retaining basic facts at speed and their difficulty in understanding patterning and place value.

Year Level	Above	At	Below	Well Below	Number of Students	% at or above
Y6	7	7	10	0	24	58%
Y8	2	10	5	2	19	64%

Year 8 analysis

This group is largely made up of girls. Common areas that are barriers to achieving at standard are basic fact recall and difficulty in applying strategies to solve problems.

Actions	Led by	When	Indicators of progress
Confirm students identified for support at end of 2013	Teachers Principal	Week 4 Term 1	Targeted students finalised
Gather student voice from target groups	Teachers	Weeks 3-4	Informs teacher and supports direction for learning
Set short-term achievable goals	Teachers/Mgmt	On-going	Student confidence grows as goals are reached
Work with targeted students in small group 4X weekly	Teachers		Regular feedback/ feedforward will support and encourage learners
Monitor progress	Teachers /Mgmt	Every 3 weeks	Informs progress and next steps
Professional Development provided	Principal	Term 1 - Numeracy course Term 3 ALIM	Teacher practice refined to better meet needs
Work with family, whanau to support student's learning	Mgmt/Teacher	Term 1 - Goal setting interviews - on-going	Family, whanau confident at supporting student learning
Analyse November achievement data to inform progress and planning for 2015	Mgmt/Teacher	Term 4	Informs planning for school and student for 2015

