

School Improvement Plan – Numeracy

Our school has strengths in the following areas: (As identified in last SSE)

- The students attainment in standardised tests compare favourably with national norms.
- The majority of students including those with special education needs have made progress.
- A strong staff commitment to promoting numeracy.
- Good support from the learning support department.
- Good structures to support students
- Maths Department have track record of engagement.

The following areas are prioritised for improvement: (As identified in last SSE)

- To develop a numeracy rich environment throughout the school.
- To design and implement a programme for first and second year students with the aim of improving their ability in the area of fractions.
- Hence in order to have a coordinated approach to teaching numeracy skills across the curriculum, teachers are required where possible to return class tests and assessments as a fraction.

IMPROVEMENT TARGET 1:

Theme: Fractions

Target: Students to be more competent when working with fractions, increase students capacity to use fractions

Required actions: Whole school approach to concentrate on fractions in September. Test results to be given back as fraction, students have to calculate their % themselves. A common approach to calculating percentages to be used by all teachers.

Persons responsible: All teachers

Timeframe for action: September 2015-June 2016

Success criteria/measurable outcomes: Students will be competent in using the skills of estimating and finding a percentage.

Review date: May 2016

IMPROVEMENT TARGET 2:

Theme: Improve problem solving

Target: Students to be more competent in problem solving. To increase the percentage of first year students who think they are good at problem solving from 32% to 40%.

Required actions: A greater emphasis on problem solving will be promoted through the year. Have a maths/numeracy week with a daily competition to solve a numeracy problem.

Persons responsible: Management and all Maths Teachers.

Timeframe for action: Implement in September 2015, monitor throughout the year.

Success criteria/measurable outcomes: Students to be more competent in problem solving. To increase the percentage of first year students who think they are good at problem solving from 32% to 40%.

Review date: May 2016.

IMPROVEMENT TARGET 3:

Theme: To develop a numeracy rich environment.

Target: To have a numeracy noticeboard, to have numeracy posters displayed in relevant classrooms. During Maths/numeracy week have a daily competition to solve a numeracy problem.

Required actions: Set up numeracy wall, source relevant posters, get first year Maths classes involved in designing posters.

Persons responsible: Management and all Maths Teachers.

Timeframe for action: Implement in September 2015, monitor throughout the year.

Success criteria/measurable outcomes: Positive feedback from students. To increase the % of first year students who like maths from 41% to 50%.

Review date: May 2016.

