

# Numeracy SIP

## 1 Parental involvement

Numeracy classes for parents of first year students.

## 2 Student Involvement

PAL (Peer Assisted Learning) for first year students.  
TY students trained to tutor first year students.

Research Khan Academy for implementation in Year 2

Log Book of Mathematical terms

## 2 Teacher involvement

Adopt George Poyla's problem solving strategies to all maths teachers.

Identify student misconceptions in maths by assessing conceptual understanding.  
Begin in Maths Dept. with geometry.

Use of Graphic organisers to enhance problem solving

Real life problem solving for students

Students calculate percentages on in-house tests – Maths Dept

Teacher nominates student in junior classes to write date on board each class/as relevant

Analysis of CAT 4 and Access Maths Tests

Problem of the Week

## 3 Home School Community Links

Maths Quizzes for Leaving Certificate (Team Math) and Junior Certificate students (Pi Quiz).

Iveragh Day: Teacher feedback suggested potential for incorporating numeracy into the activities.

Problem solving in the real world

## 4 School Environment

Create print rich environment within the maths classrooms.

Additional clocks in school grounds