

School Improvement Plan

Year Plan to improve Numeracy Levels

Strengths:-

- Attainment levels in Numeracy are above national norms, no child scored at/below 2nd percentile.
83% of our pupils scored above the 51st percentile
78.8% of our pupils score between 51st & 98th percentile
5.6% scored at/above 98th percentile.
- Pupils display a positive attitude towards all aspects of numeracy (pupils from 1st -6th class were surveyed and 87% admitted to enjoying maths.
- Parents have been surveyed and are on the whole positive with regard to the development of numeracy skills.
- The Parents Association are extremely supportive of the numeracy initiative and have provided financial assistance for Maths resources (counting stick, target boards, mini white boards, number fans)
- Staff are conscious of the importance of CPD , our list of courses completed by staff is updated regularly.

Results of Standardised tests reflect the strong Maths focus in the school

Target(s):

- As a result of more time spent on Oral Maths, levels of understanding of Maths & computation should improve.
- To increase the % of children currently scoring in 51st-84th percentile from 38% to 40% thereby decreasing % scoring between 17-50th, currently at 14%.
- To develop children's problem solving logic skills, higher order thinking skills.
- To promote a more positive attitude to Maths
- To increase parental participation/interest in new numeracy initiatives.

Actions:

Action	Who?	When?	Resources?	Completed/ ongoing
10mins per day on Oral Maths in every classroom	All Class Teachers	Now	Purchase Counting stick No Fans, target boards., Oral Maths games	Ongoing
A problem of the week task in every class on Friday	All Class Teachers	Now	Download	Ongoing
Analyse Halloween tests, Christmas, Easter and hold meetings with class teachers/L.S. Teacher to monitor progress	All Staff	After Mid Term	L.S and Resource teacher Bell Curve	Ongoing
Children to be exposed to a Maths Trail during the year	All Staff	Last Term	Make out Maths Trail for each class	<i>2014 completed</i>
Correct Mathematical language to be adopted and displayed in each class	All Staff	February	Written up & distributed	Yes
ROSE problem solving strategy to be used	All Staff	February	Poster	<i>Ongoing</i>
New Maths equipment to be bought and bank of resources to be built up	Tanya Parents Assistance	January	Source a Supplier	Yes
Real Life Maths – Maths Table in each class	All Staff	Now		<i>Ongoing</i>
Numeracy Link Teacher (Carmel Reilly) appointed and she will also complete training in Maths Recovery or Mata sa ranga in 2013	Carmel Reilly	2013		Yes

Baseline Data

- Drumconda maths results were analysed, Staff discussion of results followed. It was evident that pupils performed least well in the area of problem solving
- Teachers observations and teacher designed tasks and tests highlighted problem solving as an area of concern
- Scot analysis showed that an agreed Maths language for each class needs to be developed, children's' attitude needs to be more positive and Problem solving is an area for concern.

Drumcondra Maths Tests 2014 show that:

14% of children scored between 17th -50th percentile

38% of children scored between 51st -84th percentile

40% of children scored between 85th - 98th percentile

5.6% of children scored above 98th percentile

Monitoring/Review: HALLOWEEN, CHRISTMAS, MID-TERM, EASTER tests to be monitored

In MAY – The STANDARDISED TEST result to be analysed and discussed

C.P.D. on relevant courses – Claie Corroons 'Mental Maths' & Maths the Singapore Way

Staff meetings and Croke Park hours will have discussion and feedback

Teachers observation is a key tool which will be used to monitor progress. Key observations will be noted and discussed at whole staff level.

Pupil & Parent feedback will be sought at regular intervals

Questionnaires and focus groups administered and set up to get opinions.

Success criteria/Evaluation:

- Ongoing assessment and review of standardised results especially in the targeted percentile
- Class conferences between pupil & teacher to gauge feedback.