



**St. Joseph's NS.
Killenummery,
Dromahair,
Co. Leitrim.
Roll No. 16130C**

**School Improvement Plan
for
Numeracy**

Issue date: June, 2013

OUR SCHOOL IMPROVEMENT PLAN

Summary of main strengths as identified in Summer 2013.

- Pupils are performing well above the national norm with 68% scoring above the 41st percentile rank; and 38% of pupils score at the 81st percentile rank or above compared with 16% nationally. There is a significant differential particularly in relation to pupils performing in the highest percentile brackets.
- The school's numeracy standard score stands at 106 which is well ahead of the national average.
- Just over 58% of pupils surveyed report liking maths.
- 87% of parents report that their children like maths.
- 81% of parents report that they know their child's strengths in maths.
- All teachers report that their pupils enjoy maths and were motivated to learn. All teachers agree that there is a well-resourced, structured programme in place for maths in St. Joseph's.
- Staff are in agreement that there is a good assessment programme in place for the maths strands to cover the 'assessment of and for' learning.
- There is consensus on the use of teaching approaches and maths terminology.
- Children with special needs are provided with a differentiated programme to enable access to all strands of the mathematics curriculum.

Summary of main areas requiring improvement as identified in last SSE:

- There is need for a more consistent and structured approach to problem solving with an emphasis on real-life problems.
- Maths needs to be taught across the curriculum at every opportunity.
- Increased speed at rote tables to promote mental maths.
- Increased use of ICT to support the teaching of Maths.
- More use of maths games for learning.

<p>Improvement targets (related to pupils' achievement)</p>	<ul style="list-style-type: none"> • Whole School: To increase the percentage of pupils above the 40th percentile by 2% i.e. 68% → 70% • Class: <ul style="list-style-type: none"> a) To raise the Average Standard Score in Problem-Solving in 5th & 6th classes by 1% each year through a collaborative whole school approach to the teaching of real-life problem solving in Maths. b) To improve the Average Class Tables Scores by 5% each year between 1st Term and Final Term. • Individual: To decrease the differential between Standard Score and IQ (for pupils whose Standard Score is below their IQ) by one-third each year.
<p>Required actions (related to teaching and learning that will help to achieve the targets)</p>	<ol style="list-style-type: none"> 1. Analysis of Maths data gathered from standardised testing in the school 2. Diagnostic testing for children who do not reach their IQ potential, and where necessary timetabled for Learning Support. 3. Introduce games around tables and weekly testing (1st – 6th). 4. Formally teach the language of Maths and adopt a maths rule notebook. 5. Increase the opportunities for problem-solving in every class; each teacher will allow for discrete problem solving time. 6. Adopt a structured approach to solving a maths problem. 7. Each child to engage in a self-evaluation process - gathering work samples for example scrapbook or folder, opportunities to communicate individual topics of concern. 8. To use ICT as a Maths learning tool. 9. To monitor and update Maths equipment in the school, as necessary. 10. Collaborative feedback and evaluation of targets at each staff meeting by staff members. 11. Maths Updates on Parents Notice-board, newsletters, at P-T Meetings, and in New Infant Packs.

Persons responsible	<ul style="list-style-type: none"> • Principal & Staff • Board of Management • Parents • Pupils
Timeframe for action	<p>Year 1 2013-2014 Year 2 2014-2015 Year 3 2015-2016</p> <p>All of the targets and actions will be implemented in Year 1.</p> <p>New targets and appropriate actions will be set for subsequent years depending on outcomes.</p>
Success criteria / measurable outcomes	<p>Impact of actions will be evaluated yearly and comparisons and conclusions drawn at the end of each school year.</p> <p>Progress will be measured, using standardised testing in collaboration with NRIT results, feedback from pupils, parents, informal testing and teacher observation.</p> <p>The attainment of our targets will be the ultimate indicator of the success of our plan.</p>
Review dates	<p>June 2014 June 2015 June 2016</p>