

## Gaelscoil Mhuscraí

### School Improvement Plan –Numeracy

<b>Summary of main strengths</b>	<ul style="list-style-type: none"> <li>• Pupils’ attitudes to maths is positive and they feel confident in their work in maths (Pupil Questionnaires)</li> <li>• Pupils perform above the national norm in standardized Maths tests (SIGMA T); 85.3% of pupils achieve a Sten of 5 or higher in their standardized tests and 35.9% of pupils achieve a Sten of 8 or higher in their scores. This compares to 16% nationally.</li> <li>• We have a young, enthusiastic staff who are committed to engaging in professional development.</li> <li>• We have a well-equipped computer room with 27 computers that enable some classes to use the ‘Scratch’ computer programming scheme.</li> <li>• Parents are supportive of the school and report that most of their children like maths (Parents’ Questionnaires)</li> </ul>
<b>Summary of main areas requiring improvements</b>	<ul style="list-style-type: none"> <li>• Increased use of concrete manipulatives and interactive learning opportunities.</li> <li>• Ensure uniformity in the use of maths language.</li> <li>• Increased opportunity for pupils to solve problems through discussion and pair/group-work.</li> <li>• Use of ICT as an integrated teaching and learning resource throughout the school.</li> <li>• Increased use of the school environment as a resource to teach maths.</li> <li>• Improve the teacher-parent communication in relation to areas of maths that are difficult for pupils</li> </ul>

<b>Improvement Targets</b>	<b>Required Actions</b>
<ul style="list-style-type: none"> <li>• Increased use of concrete manipulatives and interactive learning opportunities.</li> </ul>	<p>Implement Mata sa Rang on a whole-school basis from 1st-4th class every year.</p> <p>Implement the programme ‘Réidh, Socair, Déan’ in the infant classrooms.</p>

<ul style="list-style-type: none"> <li>Increased use of the school environment as a resource to teach math.</li> </ul>	<p>Maths Week: Interactive games, maths trails etc. during Maths Week in every class.</p>
<p>Ensure uniformity in the use of math language.</p>	<p>Consistent use of maths language, specified in school Maths plan, to ensure the appropriate language is in use at each class level.</p> <p>A designated 'Maths Walls' in each classroom displaying the required maths vocabulary for each class.</p> <p>Standardised Testing in Maths to be carried out in Irish.</p>
<p>Increased opportunity for pupils to solve problems through discussion and pair/group-work.</p>	<p>Whole-school approach to resolving math problem: List of problem-solving strategies in every maths copy from 1<sup>st</sup>-6<sup>th</sup> class for pupils to use as a reference tool in problem-solving.</p> <p>Teachers teach and model these problem solving strategies using classroom posters.</p> <p>Increased pair-group work in problem-solving using the 'Think, Pair, Share' method.</p>
<p>Use of ICT as an integrated teaching and learning resource throughout the school.</p>	<p>Sharing of ideas in relation to practical maths websites at staff meetings.</p> <p>Compile a list of recommended maths websites, for use on the IWB or computer room, and attach to the school maths plan for reference for every teacher.</p> <p>Develop further useful maths links for pupils on our school website and encourage their use.</p>
<p>Improve the teacher-parent communication in relation to areas of maths that are difficult</p>	<p>Increased use of the school blog to showcase practical math work to parents.</p> <p>Offer constructive recommendations to parents as part of Teacher Parent meetings to help them deal</p>

for pupils	with any difficulties their child has in maths.
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**Monitor and Review**

Progress and challenges will be reviewed every year to inform further actions.