



### Three Year Plan Numeracy

Review:	An analysis of our Sigma-T and Maths Tracker results provided the basis for our Numeracy Improvement Plan.
Analysis of Sigma T:	<ul style="list-style-type: none"> <li>• 86% of pupils in the 51<sup>st</sup>-100<sup>th</sup> percentile</li> <li>• 2.1% at or below 16<sup>th</sup> percentile (1 pupil)</li> <li>• 43.8% at or above 85<sup>th</sup> percentile</li> </ul>
	<p>All pupils in the school were tested using Maths Tracker, a computer-based diagnostic programme.</p> <p>School Class Average: 2-6<sup>th</sup> Class, Number: 90%, Measures: 82%, Shapes &amp; space:86% Data/Algebra: 90%, Overall Score: 87%</p> <p>The strand showing least progress was in the area “Measures”.</p> <p>Further analysis had indicated that the Stand Unit presenting the greatest challenge is “Time”.</p>
Targets: Year 1	<ul style="list-style-type: none"> <li>• 2% increase in all bands per year in Sigma T</li> <li>• The areas of Measures to be addressed in Year 1 is Time with practical lessons included where possible.</li> <li>• To improve children’s ability to read time on an analogue clock and to apply that skill to timetables and further apply these skills to real-life problems.</li> <li>• We hope to see a noticeable improvement through Maths Tracker in “Time” for our “most-at-risk” pupils.</li> <li>• Create an explicit link between what is happening in school and the whole area of “Time”.</li> </ul>
Actions:	<p><u>Year 1</u></p> <ul style="list-style-type: none"> <li>• Name the time in an analogue and digital form.</li> <li>• Incorporate “Time” into Aistear corner. Display the time.</li> </ul>

	<ul style="list-style-type: none"> <li>• Teachers recognize opportunities to introduce “Time” across all Curricular areas e.g. History - Timelines, P.E. - What time is it Mr Fox? Geography -Timezones</li> <li>• DEIS grant to be spent on resources for “Time”</li> <li>• Teacher use practical resources to improve teaching and understanding of “Time.”</li> <li>• IT - enrichMaths.org to be used regularly.</li> <li>• Continue to encourage parental involvement with regular feedback on pupil progress through comment section in homework diary.</li> <li>• Master your Maths (1-6<sup>th</sup>)</li> <li>• Mental Maths - daily</li> <li>• Aistear : play - Sand timers, Seasons, passing of time.</li> <li>• Teach specific Maths strategies related to “Time.”</li> <li>• Problem solving strategies e.g., RUDE</li> <li>• Maths stations - in all groups based on “Measures” to include “Time.”</li> <li>• Maths Comprehension cards (Weekly) collaborative learning - paired work activities based on measures to include “Time”.</li> <li>• Mathletics/Mathseeds - focus on Measures - Time</li> <li>• IT resources to focus on “Time” -Mathseeds/Mathletics</li> <li>• Maths Apps for Ipad - weekly IT sessions for SEN pupils.</li> <li>• Create a class corner with “Measures”.</li> </ul>
Monitoring	<ul style="list-style-type: none"> <li>• Teacher Observation</li> <li>• Weekly Test - M.Y.M</li> <li>• Planet Maths - Term assessment</li> <li>• Teacher designed tests.</li> <li>• Sigma T - Yearly test</li> <li>• Maths Tracker -yearly</li> <li>• Pupil Self-assessment -WILF/WALT</li> <li>• Parental feedback</li> <li>• Peer assessment</li> </ul>

<i>Evaluation</i>	<ul style="list-style-type: none"> <li>• Compare <i>Sigma-T</i> results from year on year. / Analyse <i>Maths Tracker</i> results.</li> <li>• Repeat <i>pupil/parental</i> questionnaires in September 2023</li> <li>• <i>Diagnostic tests analysis</i> - June 2023</li> <li>• <i>Staff meeting to determine success of Year 1 initiatives</i></li> <li>• We will review our targets at the end of the year after analysing results of <i>Sigma T</i> and <i>Maths Tracker</i>. If the need of the pupils change we will change our level of focus.</li> </ul>
	<i>Year 2</i>
	<ul style="list-style-type: none"> <li>• Continue <i>Year 1</i> activities.</li> <li>• <i>Emphasis on Weight</i> in our <i>Maths Stations</i> and during <i>IT</i> weekly sessions.</li> <li>• Increase use of <i>practical resources/aids</i> to improve teaching of <i>Weight</i>.</li> </ul>
<i>Target</i>	<ul style="list-style-type: none"> <li>• To improve children's individual "tracker" scores in relation to <i>Weight</i>.</li> </ul>
<i>Actions</i>	<ul style="list-style-type: none"> <li>• As above but in relation to "Weight"</li> </ul>
<i>Evaluation</i>	<ul style="list-style-type: none"> <li>• We will review our targets at the end of the year after analysing results of <i>Sigma T</i> and <i>Maths Tracker</i>. If the need of the pupils change we will change our level of focus.</li> </ul>
	<i>Year 3</i>
	<ul style="list-style-type: none"> <li>• Continue initiatives from years 1 and 2.</li> <li>• <i>Emphasis in year 3 on Capacity</i>.</li> </ul>
<i>Target</i>	<ul style="list-style-type: none"> <li>• To improve children's individual tracker score in relation to <i>Capacity</i>.</li> </ul>
<i>Actions</i>	<ul style="list-style-type: none"> <li>• As above but in relation to "Capacity."</li> </ul>
<i>Evaluation</i>	<ul style="list-style-type: none"> <li>• We will review our targets at the end of the year after analysing results of <i>Sigma T</i> and <i>Maths Tracker</i>. If the need of the pupils change we will change our level of focus.</li> </ul>

**Ratification and Implementation**

*This policy was ratified by the Board of Management on 9<sup>th</sup> May 2023.*

Colm Ó Gallchóir

09/05/2023

*Chairperson, Board of Management*

Joseph Cannon

09/05/2023

*Principal*