

Bishop Harty N.S., Ballinree Numeracy School Improvement Plan 2022/2023

<p>Summaray of Main Strengths as identified by analysis of data</p>	<p>Children’s results in Standardised tests for Maths are above the national average Most children reported that they are good at maths. Most parents reported that they know their children’s weaknesses at maths. 89% of parents help their children at home with their maths yet only 41% of parents use concrete materials when helping their children. Teachers report that they use a variety of methodologies to differentiate for pupil’s with special education needs. Teachers are assessing their pupils on an ongoing basis.</p> <p><u>September 2022 – Updated Data</u> Scores in all classes are above the normal national distribution. 19% of pupils attained a STen of 10. 53% of pupils attained a STen of 7 or above. 16% of pupils scored a STen of 6.</p>
<p>Summary of main areas requiring improvements</p>	<p>More time in maths class to be spent on maths games/computers. The use of ICT in maths to be promoted at home. More time to be spent in groups or pairs during maths class. More maths concrete materials to be used in classes, with particular emphasis on shape and space. More time to be spent on Mental Maths More Emphasis on Word Problem Solving covering the language of maths.</p> <p><u>September 2022 – Updated Data</u> The average STen score across the six classes tested is 7, with an average percentile of 81. Having reviewed the various strands, we have identified the following areas for improvement.</p> <p align="center"><u>Solving Word Problems</u> <u>Shape and Space</u></p>

<p>Improvement Targets (Relating to Pupil's achievement)</p>	<ul style="list-style-type: none"> - All pupils will have access to concrete materials across all strands of the maths curriculum - ICT / maths games will be used as part of lesson plans as much as is possible - Mental maths will be targeted as a specific area for improvement and will become an integral part of daily lesson plans - Maths language will be reviewed across all classes so as to ensure consistent use of terminology is being used from junior to senior classes - List of appropriate maths websites to be compiled and furnished to parents and teachers <p>September 2022 – Updated Targets</p> <p>The average percentage of correct answers in the strand of solving word problems will increase by 5%, moving from 65% to 70%, to be measured in Sigma T tests in June 2023.</p> <p>The average percentage of correct answers in the strand Shape and Space will increase by 4%, moving from 69% to 70%, to be measured in Sigma T tests in June 2023.</p>
<p>Required actions (related to the teaching and learning that will help achieve the targets)</p>	<ul style="list-style-type: none"> - An audit of maths resources to be carried out throughout the school to determine which resources need purchasing/replenishing and a borrowing/lending system to be set up to ensure access to resources at all class levels - A maths booklet to be created for parents to help their children with maths homework at home - A Maths Language rich environment to be cultivated in each classroom
<p>Persons Responsible</p>	<ul style="list-style-type: none"> - Principal - All Staff

Timeframe for Action	- Three Years
Success Criteria / Measurable Outcomes	<ul style="list-style-type: none"> - Re-audit of resources - Questionnaires - Re-examination of Sigma T tests - Teacher observation within classrooms
Review Date	- To be reviewed in September 2023