# Galbally National School

# Numeracy Improvement Plan

# Introduction

This document records the outcomes of our last improvement plan and our current improvement plan, including targets and the actions we will implement to meet the targets.

Outcomes of our last improvement plan:

* Increased opportunities for pupils to engage with maths in the school environment (Maths trails/maths games/ICT on ipads, classroom interactive tvs)
* Oral & Mental maths activities are given a specific time slot in each class
* Increased awareness of necessity of knowledge of computation table

Summary of main areas to be prioritized in Numeracy

We plan to improve all areas of Numeracy over the next 3 years as follows:

**Year 1**: Problem Solving Skill Development

Improve performance in the Measures strand

Year 1 will be reviewed in June 2024 and if we are satisfied with progress made in year 1 we hope to improve the following:

**Year 2**: Improve performance in the Data strand

Continued improvement in Problem Solving Skills and Measures strand

**Year 3**: Improve performance in the Algebra strand

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| **SCHOOL IMPROVEMENT PLAN**  ***Galbally National School***  **2023/2024** | | | |
| **ACTION PLAN CO ORDINATOR:** | | **Claire Byrnes** | |
| **TARGETS** | * Continued structured reinforcement of a common approach to problem solving in order to see further improvement in pupil performance in problem solving (Increase the class average percentage of correct answers in solving word problems in the Sigma T to 55%) * To continue to improve performance in the Measures strand of the curriculum (Increase the class average percentage of correct answers in Measures in the Sigma T to 75%) | | |
| **ACTIONS** | | | **PERSONS / GROUPS RESPONSIBLE** |
| * Use of strategies to support pupils problem solving at whole school level: through teacher modelling of RUDE and CUBES strategy and teacher scaffolding, pupils will be enabled to discuss problems and understand the reason behind the process * The use of suitable Ipad apps specifically to enhance the teaching of problem solving in all classes. * Teachers to continue to timetable the teaching of measures throughout the year, ensuring all strand units are covered before the Sigma T tests in May * Teachers to concentrate on consolidating problem solving skills through the Measures strand as often as possible * The Junior and Senior Infant classes will cover many of the Measures strand units through the Aistear programme | | | * Class Teachers * SET * Numeracy Coordinator |

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| **MONITORING STRATEGIES/APPROACHES**   * Teacher observation followed by whole staff discussion * Performance in Sigma T test to be maintained and improved further | | | | |
| **EVALUATION / CRITERIA FOR SUCCESS**  (Are we making progress? / How do we know?) | | | | |
| **NECESSARY ADJUSTMENTS THROUGHOUT IMPLEMENTATION PROCESS** | | | | |
| **TARGETS** | **ACHIEVED** | | | |
|  | **Yes** |  | **No** |  |
|  | **Yes** |  | **No** |  |
|  | **Yes** |  | **No** |  |