

School Improvement Plan for Numeracy

2023 - 2024

Target

1. To improve the word problem solving performance, in Sigma T tests, in 3rd to 6th classes, from overall average score of 51.75% by 2% by the end of school year 2024.

Required Actions	SuccessCriteria/ Measurable Outcomes	Persons Responsible	Timeframe for Actions
<p><u>Tables</u></p> <ul style="list-style-type: none"> Practise oral and written tables regularly, emphasis on speed, recall and accuracy: 3rd – 6th classes 'Magic 96 Tables' Test': 3rd – 6th classes 	<p>Teacher designed tasks</p> <p>Administered by class teacher during September 2023 and again in May 2024</p>	Class teachers	2023/2024 – establish baseline at the beginning of this school year – improve accordingly
<p><u>Standardised Mathematical Language</u></p> <ul style="list-style-type: none"> Staff have agreed to use Mathematical Language, as outlined in our Maths' Plan 	Teacher observations, teacher designed tasks, Sigma T results	Mainstream and SET teachers	Ongoing
<p><u>Warm-ups</u></p> <ul style="list-style-type: none"> Teachers to introduce warm-ups at the beginning of Maths' lessons Oral Maths & number games 	Teacher observation and questioning	Mainstream and SET teachers	Ongoing
<p><u>Problem Solving Strategies</u></p> <ul style="list-style-type: none"> To establish a school baseline for problem solving performance from 3rd to 6th classes Word problems/puzzles/ games/open-ended investigations/projects/Maths' trails/practical tasks Continue to use RUDE strategy in all classes and RA VECCC in 5th/6th classes One agreed strategy per month 	<p>Our baseline is 51.75% and aim to improve by 2% by the end of school year 2023/2024</p> <p>Aideen to inform teachers of strategy per month</p>	Mainstream and SET teachers	School year 2023/2024
<ul style="list-style-type: none"> Extend Buddy Maths' to First Class – already in Junior and Senior Infants /5th and 6th classes 	Pupil enjoyment/ leadership responsibilities for senior students / Maths' performance	Class teachers / Senior pupils Aideen to co-ordinate	School year 2023/2024

Implementation/Monitoring/Review

- This Numeracy Improvement Plan will be implemented by all Staff during school years 2023/2024.
- Teacher observation is a key tool in monitoring progress of this Numeracy Improvement Plan, also Standardised Tests
- Discussion at staff meetings every term – the plan will be updated, as necessary, following each review.

Success Criteria/Evaluation

- Teacher observations will be noted.
- Analyse and collate results of the 'Magic 96 Tables' Test' during May 2024
- Standardised testing at the end of each school year – data will be analysed over the year to track pupil performance, with particular emphasis on problem solving.

Ratification and communication

This plan was ratified by the Board of Management of Scoil Naomh Bríde, Blackwater, on 26th Oct 23. Parents may view this plan at the school, by appointment with the Principal.

Signed: 

Scoil Naomh Bride, Blackwater

School Improvement Plan in Numeracy – End of Year Report 2022/2023

Target: To improve the word problem solving performance in Sigma T tests, in 3rd to 6th classes, from average score of 51.2% by 4% by the end of school year 2022/2023.

To address the above targets the following actions were taken:

Tables

- Practised oral and written tables regularly, emphasis on speed, recall and accuracy: 3rd – 6th classes
- ‘Magic 96 Tables’ Test’: 3rd – 6th classes

Standardised Mathematical Language

- Staff agreed to use Mathematical Language, as outlined in our Maths’ Plan

Warm-ups

- Teachers introduced warm-ups at the beginning of Maths’ lessons
- Oral Maths & number games

Problem Solving Strategies

- We established a school baseline for problem solving performance from 3rd to 6th classes
- Word problems/puzzles/ games/open-ended investigations/projects/Maths’ trails/practical tasks
- Continued to use RUDE strategy in all classes and RAVECCC in 5th/6th classes

Buddy Maths

- Extend Buddy Maths’ to First Class – already in Junior and Senior Infants /5th and 6th classes

We did not achieve our target of improving the average word solving performance in Sigma T tests, in 3rd to 6th classes by 4% by the end of school year 2023/2024 – we only improved by 0.55% (from 51.2% to 51.75%). We need to work on this target during school year 2023/2024.