



Baltydaniel NS
Roll No. 12477L

School Improvement Plan for Numeracy

November 2018

Summary School Improvement Plan for Numeracy

Introduction

As part of our ongoing work in the school, we conducted a school self-evaluation review of teaching and learning of numeracy this year. For more information on how the evaluation took place, see our School Self-Evaluation Report 2018 which is available on our school website, www.baltydanielns.ie. We communicate our SIP and our SSE for Numeracy to our school community by posting them on our website and texting parents to inform them that it is available to view on the website if interested.

This school improvement plan sets out the actions that we will undertake in the school over the next year in Numeracy. The main purpose of these actions is to improve our pupils' learning.

Summary of school self-evaluation findings

Strengths

The whole school SIGMA-T results are well above the national norms in most strands.

The overall results had improved from the previous year from the 17th -98th and above percentiles.

The teaching and learning of tables have improved according to teacher's observations and this is reflected in the standardised results for number which have improved also.

We know this because we compared standardised test results for 2017 and 2018 at a staff meeting and discussed the teacher's observation for the teaching and learning of maths in each classroom.

Areas for development

Measure
Data
Problem Solving
Tables
Mental Maths

We have decided to prioritise these areas because we can see from our standardised test results there are a high percentage of pupils scoring in the lower percentiles for Measure, Data, word problems and work for the other strands is ongoing from previous SSE.

Our school has set the following **targets for improvement** which are related to pupils' achievement and has identified the following **actions** which will help in achieving those targets over the next year.

Targets for Improvement

- To decrease the whole school results for Measure from 1% - 0% for the 3%-16% bracket, increase from 13 to 15% for the 85 to 98% bracket and from 0 to 1% for the above 98% bracket.
- To decrease the whole school results for Data for the At or Below 2nd bracket from 3% - 0% and increase the 85% to 98% bracket from 16-18%.
- To reduce the whole school results for Solving Word Problems in the bracket 'At or below 2%' from 3% to 1%.
- To increase the whole school results for Solving Word Problems in the bracket '85 to 98%' from 4 to 7% and in the bracket Above 98% from 1 to 2%.

Actions

- To emphasise the strand Measure and Data when teaching Maths throughout the year and to display children's work in the classroom and around the school.
- To integrate Maths into other subject areas as much as possible.
- Teach maths using real life examples that relate to children's lives.
- Use educational websites and apps as outlined in our Maths plan and refer to the pdst.ie website as well as the pdst resources saved in dropbox in our Maths folder.
- Revisit the strand Measure throughout the year and expose the children to problem solving challenges in each strand as they are taught.
- Purchase new maths equipment based on the needs of the school and circulate equipment to all classes.
- Continue to use rote learning for teaching of tables and to include 3-5 minutes of tables for homework each night, 2nd-6th class.
- Teach 5-10 minutes of mental maths once a week during the maths lesson.
- To continue "Problem of the Week", which is displayed in each classroom each week. One child from each class gets a reward each Friday for getting the answer correct. Various types of problems will be used, including puzzles, word problems and open ended problems.

As a parent you can help your child by: Monitoring your child's maths homework and communicating any problems with the class teacher.

By cooperating with any documents sent home in relation to maths.

By using real life situations to reinforce maths concepts taught in school.

We know we will have achieved our targets when we analyse our standardised test results in June 2019 and when we get positive feedback from parents at P/T meetings and other meetings during the year. Also when we get positive feedback from teachers at staff meetings based classroom observations.