



Baltydaniel National School

Newtwopothouse

Mallow

Co Cork

12447L

School Self-Evaluation Numeracy Report

November 2018

School Self-Evaluation Report 2018

Introduction

A school self-evaluation review of teaching and learning in understanding and using **Numeracy** in Baltydaniel National School was undertaken in November 2018. This is a report on the findings and the targets set out for the coming year.

School Context

Baltydaniel NS is a Catholic, co-educational vertical school with approximately 210 pupils. It is situated at a crossroads in between four parishes. It has eight classroom teachers, three special ed. teachers and four SNA's. We are heavily involved in a number a projects including, Green School, Health Promotion, Active School and Discover Maths and Science Award and at all times are striving to enhance the education and holistic development of our pupils.

The Findings

- After studying our SIGMA Results for June 2018 we found that the strand Measure needed the most attention.
- When we compared the whole school results for, 2017 and 2018 and the distribution of pupil's results over six percentiles, we found that the 3rd to 16th PR had increased by 3%, the 17th to 50th PR had decreased from 12% to 10% and the higher percentile of 85th to 98th PR had decreased by 1% and 98% and above increased by 1%. Overall the whole school results when compared to the previous year had improved.
- An overview of our whole school results show that we are performing well above the national norm.
- At a staff meeting we identified that children had difficulty interpreting answers from a data question.
- 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.

Reviewed Targets

- 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 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%.

Reviewed 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.

The following areas are prioritised for improvement 2018/19:

Measure

Data

Problem Solving

Tables

Mental Maths

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.

All of the following legislative and regulatory requirements have been addressed

Attendance Policy

Data Protection Policy

Parents/Staff Communication Policy

Communication and Review

We will communicate both the SSE Report and School Improvement Plan to our school community by posting both documents on our school website. The principal will present them to the Board in December 2018 and they are available to view by appointment in the school for any interested parties.

The SSE Report was reviewed in October 2018 at a general staff meeting and will be updated and amended as necessary. Other changes may occur during the school year 2018/19 based on the needs of the school.