Numeracy DEIS Plan

Analysis of Results

2020/2021 results

- *Understanding Concepts and Facts*
- This an area of strength, normal distribution indicates 50% of children should score above the 51% therefore our scores of 77% and 60% demonstrate the success of previous interventions.
- *Performing Computations and Procedures*
- Normal distribution again had 50% of children below the 50%, therefore scores of 47% and 51% are very much in line with national standards, in the boys' school only 5% of children scored under the 16% which is far less than the norm of 16%.
- *Measures*
- There is a disproportionate number of children in the 17 to 50% bracket, normal distribution being 34% whilst we are averaging at 52%.

2021/2022 results

- *Understanding Concepts and Facts*
- Remains an area of strength, 73% of children are scoring above the 51st percentile which is 23% better than the national average.

- *Measures*
- Although we have a 5% improvement in the percentage of children scoring in the 51st percentile and above we still have 48% of children in the 17th to 59th percentile. This is 14% higher than the national average so we will continue to focus on measures in 22/23. An easy to read powerpoint presentation of analysis is available on the One Drive.
- *Senior Infant Classes*
- Pre – Number Drumcondra results – 39% of children achieved the target of 80% plus in 2022. This was far below the target set of 65% and was heavily influenced by Covid and poor attendance.

2022/2023 results

- *Understanding Concepts and Facts*
- Remains a strength. The target was achieved and improved, 75% of children are now above the 51% which is 29% above the normal distribution.
- *Performing Computation and Procedures*
- Reduced by 2% to 47%. Target not achieved fully, however, there was an improvement in the 51 – 84%. Target not achieved – Further decline of 2% assuming the 2% move from 3-16 is accounted for.
- *Measures*
- Target not achieved – Further decline of 2% assuming the 2% move from 3-16 is accounted for.
- *Senior Infant Classes*
- There was a 6% improvement where 56% achieved 80% or higher in Early Numeracy.

Targets

1. Understanding Concepts and Facts

- In consultation with the Principal it was decided to maintain the target of the percentage of children scoring above the 51% in Concepts and Facts in the 2023 Sigma T (73% -23% above national average).

2. Performing Computations and Procedures

- To reduce the number of children below the 50% in C & P in the 2024 Sigma by 2% (From 47 to 45%)

3. Measures

- To reduce the percentage of children in current 4th and 6th class in the 17 – 50 percentile in the area of measures by 5% (from 46% to 41%) and 10% (from 80% to 70%) respectively.

4. Senior Infant Classes

- 60% of senior infants to achieve 80% or higher in Early Numeracy

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Actions to be taken

Actions	Who	When
Analyse results of Sigma T in early June and present New Baseline Data for Strawberry Hill N.S to staff	Cathriona Jones Niamh O' Connor	June 2023
New Numeracy Team to be established with representation from SET, senior and junior school	Julie Murphy Cathriona Jones	September 2023

A whole school maths week to promote a positive attitude towards maths to be run in October	The Maths Committee	October 2023
Noticeboards relating to new ' Maths Talk' approach and extended children's thinking	Julie Murphy (Senior school board) Cathriona (Junior school board)	October 2023
Continue in class station teaching for Maths recovery at 1st class and 2nd class level	Class teachers SET SNA	Term 1
CPD in Maths Recovery for another member of staff	Liz Horgan Martina Barry	Term 1
Children from 3rd to 6th Classes will receive blocks of station teaching focusing on the area of money (Measures)	Class teachers SET SNA	Term 1, 2 and 3
Continue using the Problem Solving Strategy CLUES– Using "say" how you got your answer for junior classes and summarise for senior classes and inform new staff members of this approach	Class teachers SET Cathriona Jones (update)	Ongoing
Oral maths targets for 1st -6th to be on display and referenced. Class teachers to test the children and assess the level	Class teachers SET	October 2023
Encourage parental involvement in maths initiatives such as Maths for Fun in first class, senior infants and junior infants	Sheila Crowley Martina Barry Class teachers SET	Ongoing
Purchase of additional maths equipment, including 'Big Games'	Julie Murphy	October 2023
Senior Infants to take part in 'First Lego League Programme'	Clíona Healy Cathriona Jones	October 2023-March 2024

Following new Maths Curriculum training, deliver update to staff at staff meeting/Croke Park	Julie Murphy Cathriona Jones Liz Horgan	Ongoing
Use of WALT and WILF weekly to enable the children to reflect on their own learning.	Class teachers SET	Ongoing
A Time to Count will be delivered to third class by ARUP as part of Business In The Community over a period of 10 weeks. One visit outside of school	Sheila Crowley Volunteers ARUP	Term 2

Monitoring

- Teacher observation is a key tool which will be used in monitoring the progress of this numeracy strategy. Key observations will be noted and discussed at whole staff level
- Continuing professional development will be sought and staff encouraged to attend, to further develop teacher knowledge and skills and to keep abreast of best practice
- New Maths Curriculum updates to be given to staff
- Parental Feedback will be sought at parent/teacher meetings
- Pupil feedback will be sought prior to the commencement of station teaching in the senior classes. Pupils will complete a "How I feel about Maths" sheet as recommended by the PDST to include the pupil voice in future planning.
- Standardised Sigma T/ Drumcondra test will be given at end of each year and results will be discussed to inform our planning