

Numeracy Leader's Report to Governors

October 2018

Introduction

At St Anne's, we value Numeracy as an essential part of everyday life. Our goal is to produce fluent mathematicians throughout the school, who are confident using arithmetic methods and show clear reasoning in problem solving. This report outlines the progress the school made towards these goals in the 2017/2018 academic year.

Whole school Picture

EYFS

Results 2018

At the end of EYFS, the current cohort of children perform well versus national averages:

	School 2018	School 2017	National 2017
Numbers	78.6%	79.3%	79%
Shape, Space and Measures	85.7%	79.3%	82%

At the end of EYFS, the current cohort of children perform in line with National Averages. The school performs above Manchester averages.

Key Stage 1

Results 2018

The % on track compares favourably with National Averages.

	School 2018	School 2017	National 2017
EXS	85.7%	80.8%	76.1%
GD	32.1%	26.9%	21.8%

In particular, the performance of higher ability children is very encouraging. This is above national averages from 2017. This indicates a positive climate of achievement in KS1 in maths, with results on an upward trend. The school also performs above the Manchester average of 73.7%.

Key Stage 2

The end of Key Stage 2 results compare favourably to previous year (school and national)

	School 2018	School 2017	National 2018
EXS	100%	83.3%	76%
GD	50%	25%	24%

The set of results at the end of KS2 paint a highly positive picture, with both EXS and GD way above national averages. This also shows the cohort made excellent progress in Numeracy during their time at St Anne's

Other areas of analysis from 2017 - 2018

Main area of training - Numicon

From the beginning of the year, SO introduced Numicon as a way to solve problems in Year 6 (in areas such as fractions and ratio, for example). These practical methods were demonstrated to teachers in staff meetings and are now used throughout the school. Embedding these visual and practical strategies directly contributed to the achievements of the Year 6 cohort.

Scrutiny of work

SO monitored presentation throughout the academic year, with a particular focus on arithmetic and number formation. Children are presenting work neatly across the school, writing one number per square and using this to aid place value. This in turn enabled children to become more efficient in the use of arithmetic methods, highlighted in the achievements at the end of KS1 and KS2.

Homework – Parental Involvement

Parents were involved in ways to enhance learning at home e.g. KS1 and KS2 SATs meetings.. Children are given arithmetic homework each week based on learning in class, or consolidating earlier learning, to ensure children become fluent learners. Homework will be available on the school website for parents to access and receive information to further consolidate the children's mathematical learning.

Assessment

All classes used Testbase materials at the end of the year, completing analysis grids to pass up to the next teacher. These are used to inform planning based on prior learning for the upcoming academic year. This enables clear targeting of work for children and supports progress in learning through the school.

Issues for development for 2018/2019

- Closely monitor KS2 progress against KS1 attainment, with a focus on the Year 6 cohort
- Check targeted provision for more able children in Maths across the school, and use Twinkl materials to ensure children are given mastery challenges
- Increase the profile of Numeracy homework on the school website, providing further ways for children to develop their Maths at home