

Good Shepherd School Report to Parents and Whānau on Student Achievement

Progressive Achievement Test (PAT) Mathematics Test Term 1 2020

NZCER PAT Mathematics Test

PAT: Mathematics for Years 3-10 helps teachers determine their students' levels of achievement in the knowledge, skills and understanding of mathematics in the New Zealand curriculum.

Static and Adaptive Assessments

Online assessment has allowed the development of adaptive mathematics tests. These assessments evolve throughout, tailoring questions according to their preceding answer. The adaptive test is particularly useful for those students particularly able in mathematics and those who face difficulty in maths.

For this assessment we administered a combination of static and adaptive online assessments to students based on individual needs.

1. General Performance and Progress, Entire Group

Overall Performance: Tm 1, 2020 Entire Group n = 135

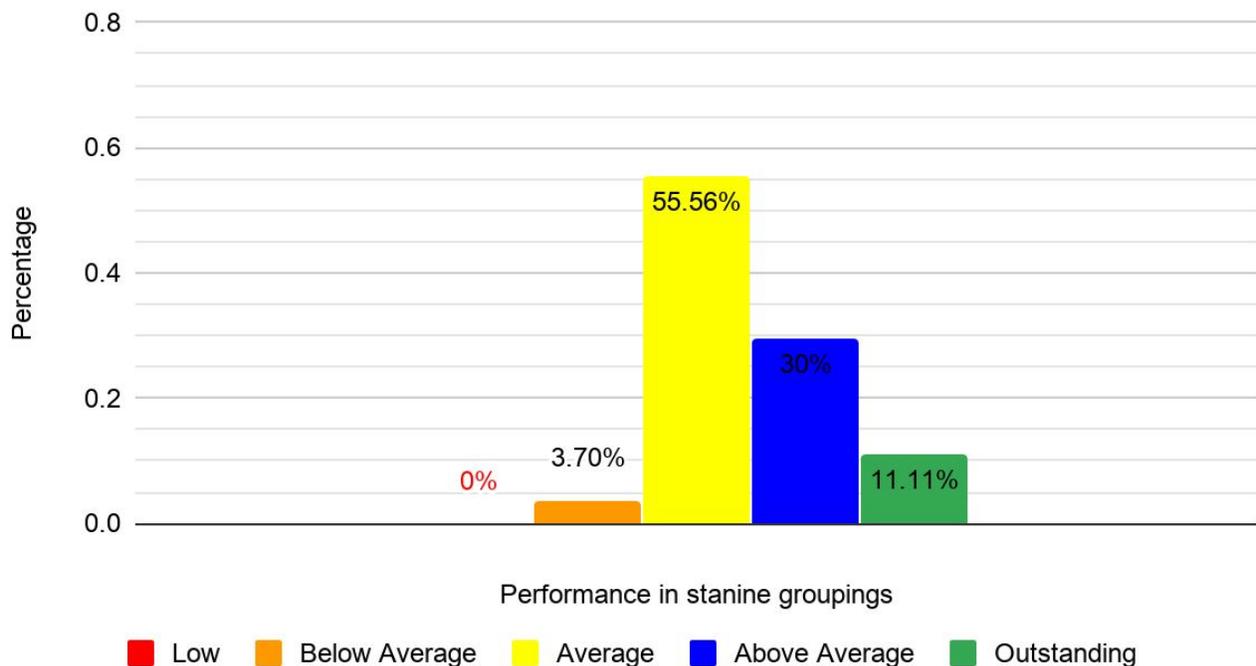


Figure 1: General Performance Entire Group: Chart of Stanine Groupings

In Figure 1 we see that the vast majority of our students (96.67%) are in average or above categories.

Cohort Comparisons Over 2019-2020

TIME	STANINE								
	LOW	BELOW AVERAGE		AVERAGE			ABOVE		OUTSTANDING
	1	2	3	4	5	6	7	8	9
Term 1 2019	0% (0)	1% (1)	5% (5)	15% (14)	14% (13)	22% (20)	17% (16)	11% (10)	13% (12)
	1%	6%		51%			28%		13%
Term 4 2019	0% (0)	2% (2)	3% (3)	15% (14)	14% (13)	9% (8)	20% (18)	21% (19)	15% (14)
	0%	5%		38%			40%		15%
Term 1 2020	0% (0)	0% (0)	2% (2)	10% (9)	14% (13)	30% (27)	14% (13)	13% (12)	16% (15)
	0%	2%		54%			27%		16%
Term 4 2020									
	%	%		%			%		%
National Norm	4%	19%		54%			19%		4%

Figure 2: Table Showing Cohort Comparisons Over 3 Assessments Using Stanine Groupings

GSS students are performing far above the national norm.

What does this mean for teachers at Good Shepherd School?

- We will use information from this analysis, along with other forms of information, to plan to meet the learning needs of individuals and groups in the classroom
- We will use information from this analysis, along with other forms of information, to inform parents of students' progress
- We will continue to monitor carefully the progress of all our students, especially those who are below where we want them to be
- We will be continuing to look for other ways to extend those children who are excelling in mathematics.

What does this mean for parents and families of children at Good Shepherd School?

- We like to work in partnership with you so regular communication is very important, especially if you have any concerns
- Continue to talk to your children about their learning. Ask them what their next learning steps are in mathematics and ask them if they know what they need to do to reach their next learning goal.