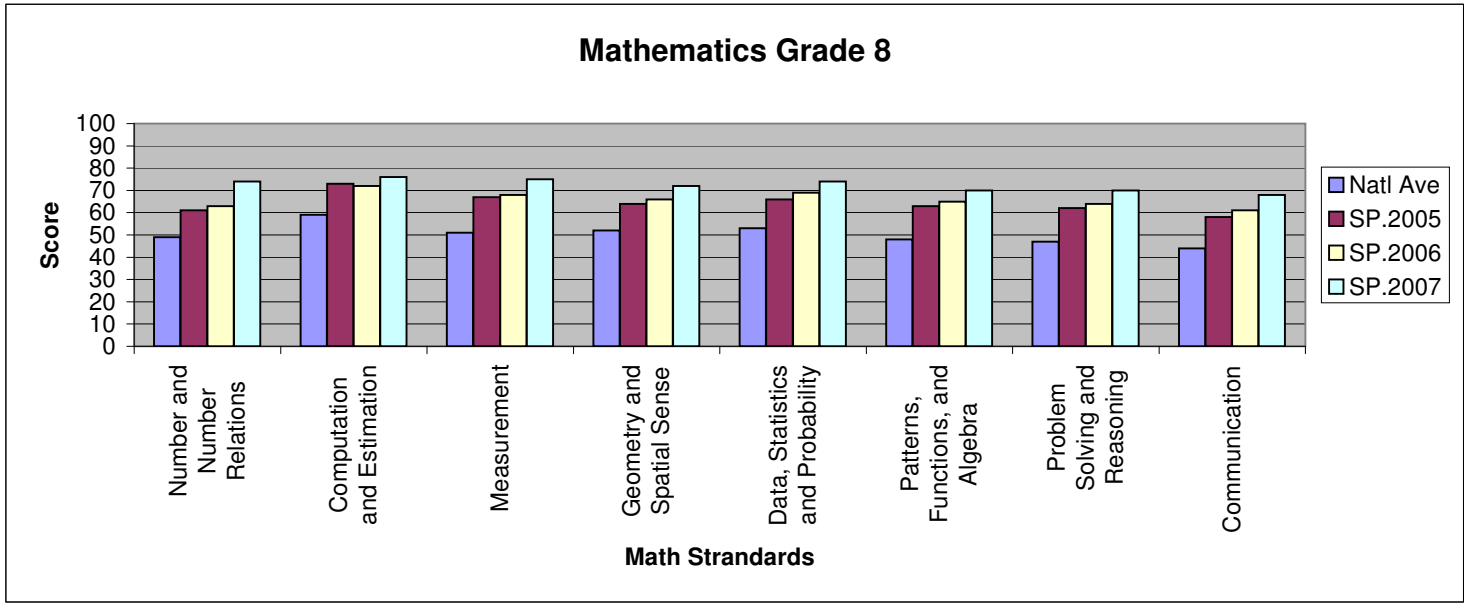
Terra Nova results: Mathematics

WELS schools use Terra Nova tests from McGraw Hill. The primary purpose of standardized testing is to inform policy makers and curriculum and program planners of trends in school performance over time. Standardized Tests are designed to produce broad, general indicators of achievement. These indicators provide data on which to make decisions. Mathematics has been the primary target for improvement during these first years of the curriculum mapping process. The National score represents an average that includes more than just WELS schools. St. Paul's scores respresent testing results over three years. As a school, St. Paul's has a history of strong testing scores. That being said, St. Pau's has improved in mathematics performance over time as the trends demostrate.

Mathematics Grade 8	**National**	**St. Paul's**		
Number and Number Relations	49	61	63	74
Computation and Estimation	59	73	72	76
Measurement	51	67	68	75
Geometry and Spatial Sense	52	64	66	72
Data, Statistics and Probability	53	66	69	74
Patterns, Functions, and Algebra	48	63	65	70
Problem Solving and Reasoning	47	62	64	70
Communication	44	58	61	68



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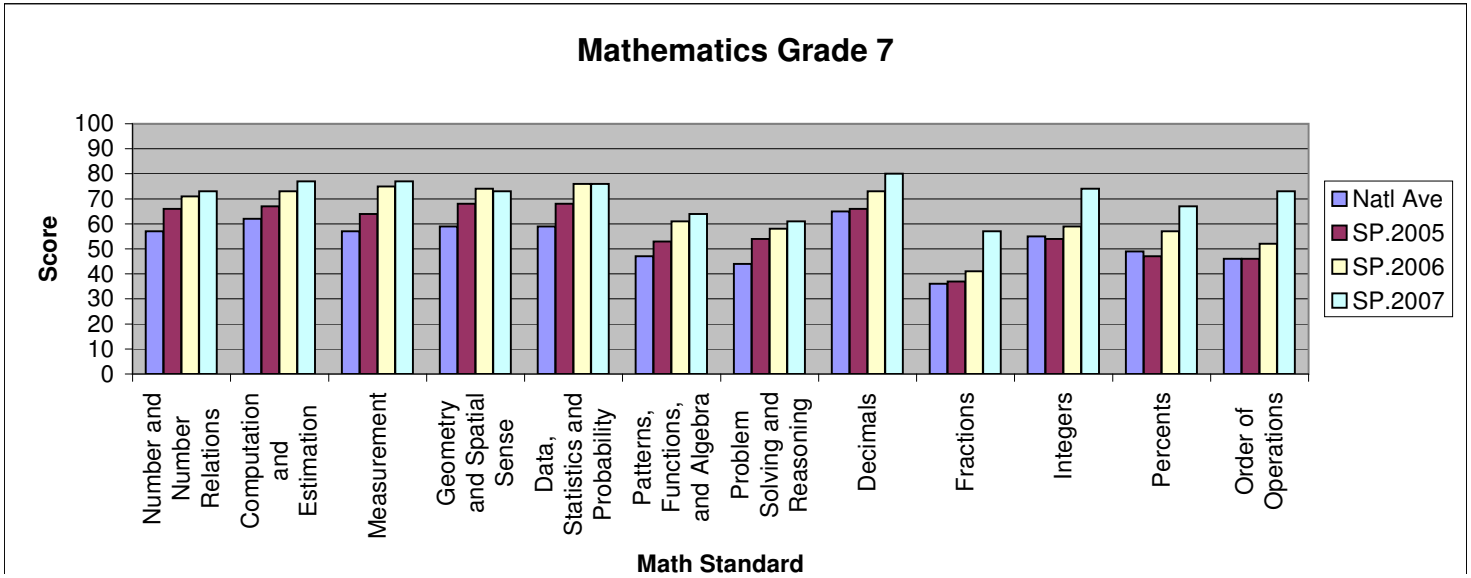
Mathematics Grade 7	**National**	**St. Paul's**		
Number and Number Relations	57	66	71	73
Computation and Estimation	62	67	73	77
Measurement	57	64	75	77
Geometry and Spatial Sense	59	68	74	73
Data, Statistics and Probability	59	68	76	76
Patterns, Functions, and Algebra	47	53	61	64
Problem Solving and Reasoning	44	54	58	61
Decimals	65	66	73	80
Fractions	36	37	41	57
Integers	55	54	59	74
Percents	49	47	57	67
Order of Operations	46	46	52	73



Math Standard

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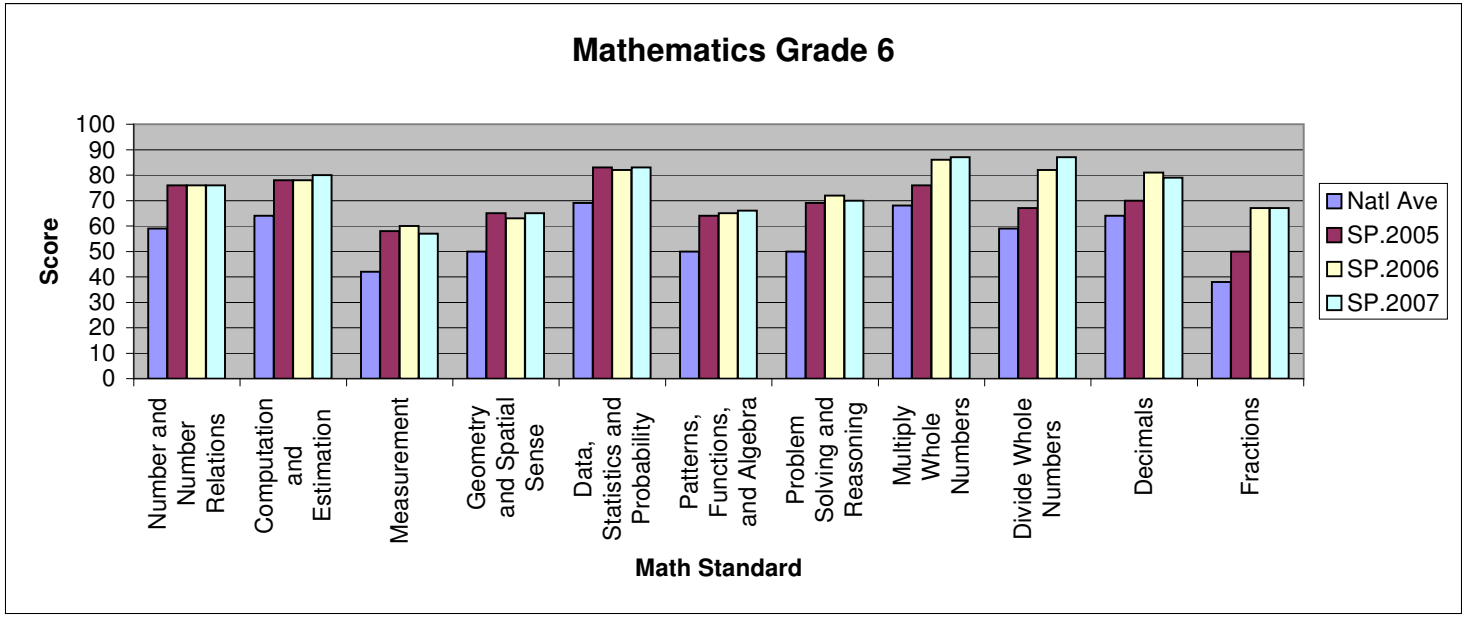
Mathematics Grade 6	**National**	**St. Paul's**		
Number and Number Relations	59	76	76	76
Computation and Estimation	64	78	78	80
Measurement	42	58	60	57
Geometry and Spatial Sense	50	65	63	65
Data, Statistics and Probability	69	83	82	83
Patterns, Functions, and Algebra	50	64	65	66
Problem Solving and Reasoning	50	69	72	70
Multiply Whole Numbers	68	76	86	87
Divide Whole Numbers	59	67	82	87
Decimals	64	70	81	79
Fractions	38	50	67	67



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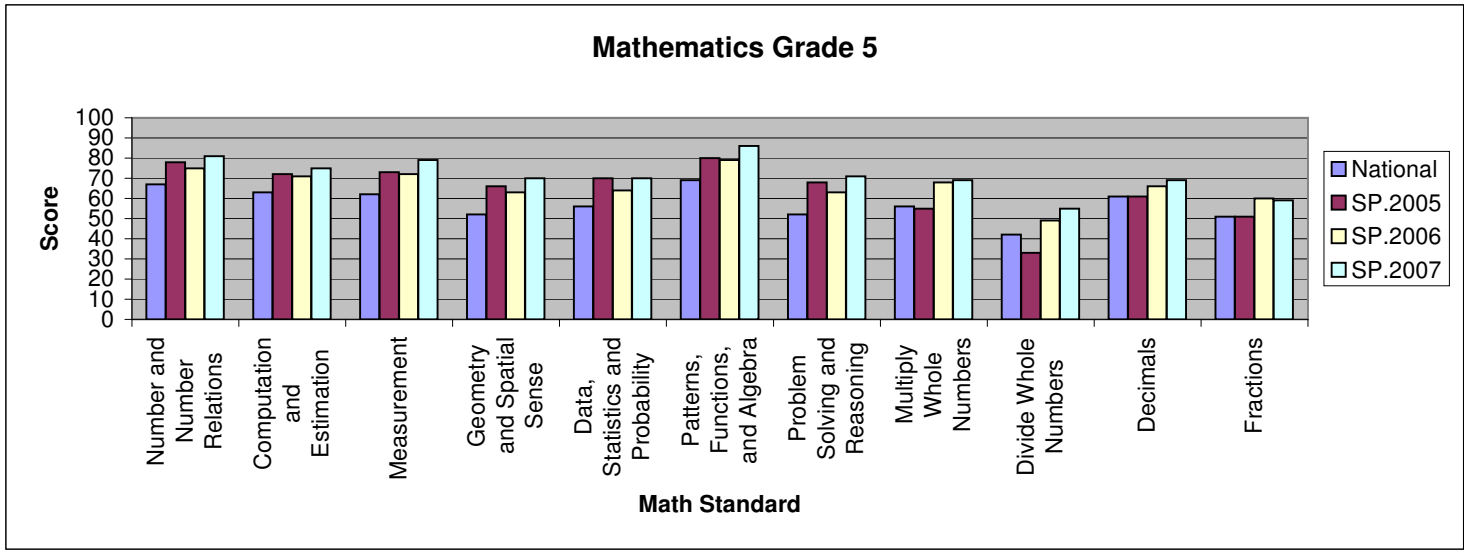
Mathematics Grade 5	**National**	**St. Paul's**		
Number and Number Relations	67	78	75	81
Computation and Estimation	63	72	71	75
Measurement	62	73	72	79
Geometry and Spatial Sense	52	66	63	70
Data, Statistics and Probability	56	70	64	70
Patterns, Functions, and Algebra	69	80	79	86
Problem Solving and Reasoning	52	68	63	71
Multiply Whole Numbers	56	55	68	69
Divide Whole Numbers	42	33	49	55
Decimals	61	61	66	69
Fractions	51	51	60	59



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Mathematics Grade 4	**National**	**St. Paul's**		
Number and Number Relations	59	63	71	68
Computation and Estimation	47	49	57	54
Operation Concepts	37	41	48	44
Measurement	46	51	63	53
Geometry and Spatial Sense	57	63	73	67
Data, Statistics and Probability	64	68	73	70
Patterns, Functions, and Algebra	47	50	58	55
Problem Solving and Reasoning	39	42	52	44
Communication	39	42	49	45