



Abbotsford Traditional Middle School - School Plan for Student Success

MATH

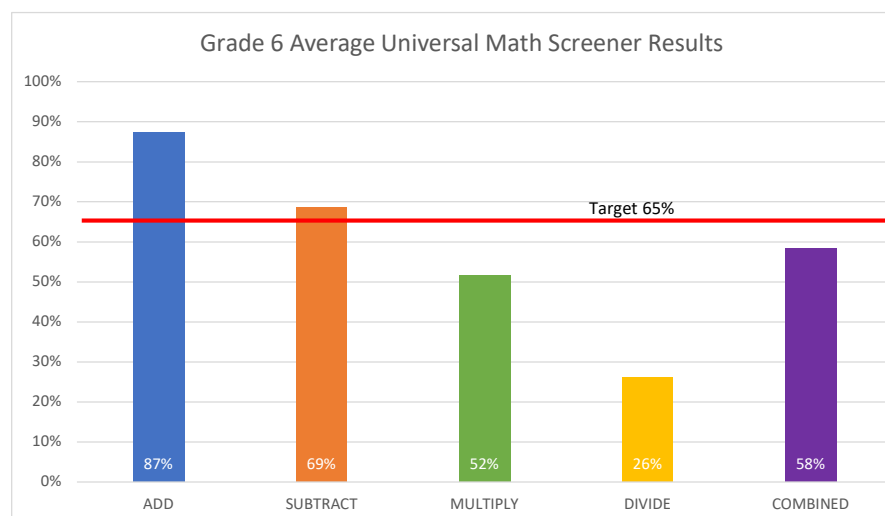
Universal Math Screener

Math 2019/2020 January School Goal Update

2019/2020

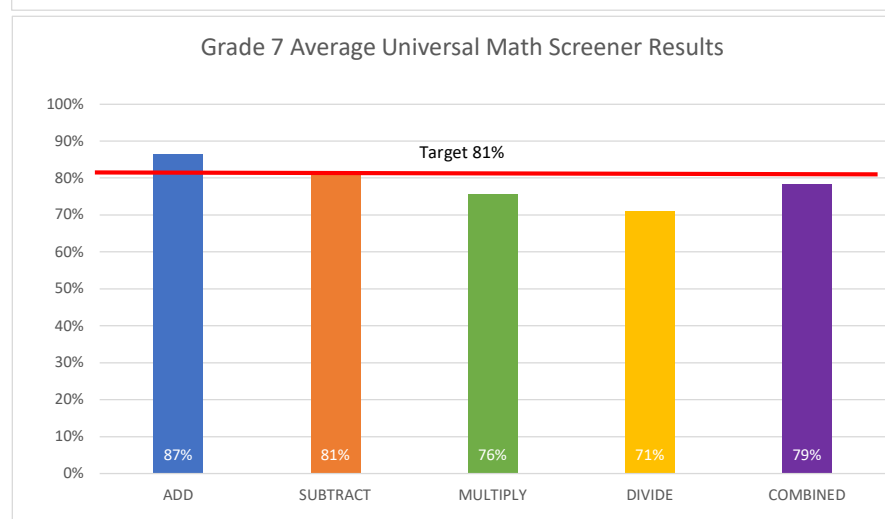
Grade 6 Math Results - Average by Assessment, Class, and Grade

	ADD	SUBTRACT	MULTIPLY	DIVIDE	COMBINED
A16	3.50	2.83	2.13	1.13	9.60
A26	3.53	2.37	2.30	1.03	9.23
B16	3.43	2.77	1.90	0.80	8.90
B26	3.50	3.00	1.93	1.20	9.63
Grade 6	3.49	2.74	2.07	1.04	9.34
Percent	87%	69%	52%	26%	58%



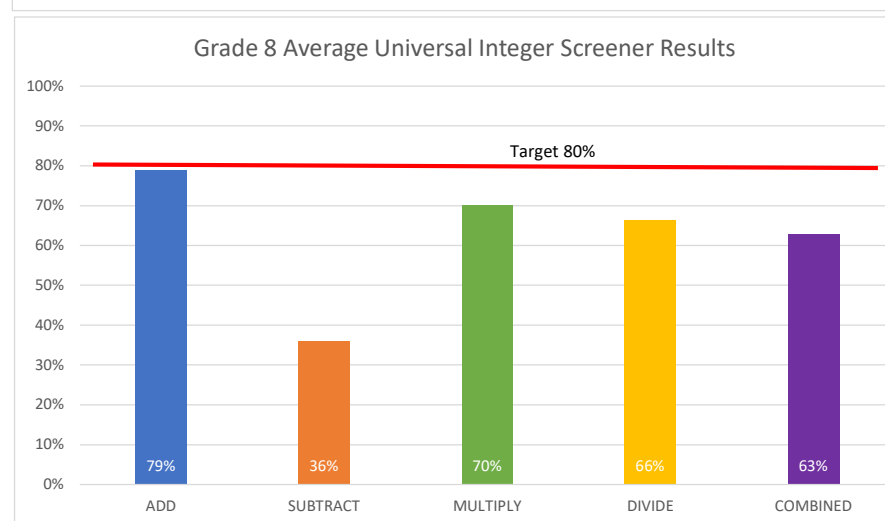
Grade 7 Math Results - Average by Assessment, Class, and Grade

	ADD	SUBTRACT	MULTIPLY	DIVIDE	COMBINED
C178	3.45	3.40	3.00	2.85	12.70
C27	3.77	3.60	3.27	3.00	13.63
D17	3.47	3.13	3.03	2.83	12.47
D27	3.87	3.30	3.00	2.97	13.13
Grade 7	3.46	3.24	3.02	2.84	12.56
Percent	87%	81%	76%	71%	79%



Grade 8 Math Results - Average by Assessment, Class, and Grade

	ADD	SUBTRACT	MULTIPLY	DIVIDE	COMBINED
E18	8.13	3.83	7.53	7.10	26.60
E28	7.90	3.23	6.43	6.10	23.67
E38	7.63	3.77	7.03	6.70	25.13
Grade 8	7.89	3.61	7.00	6.63	25.13
Percent	79%	36%	70%	66%	63%



Math Inquiry Question

How can we support higher order thinking, communication and reflection skills within the new curriculum, while still ensuring success with math content?

Strategy #1

Track Annual Math Skill Data
Highlight 2019/2020 Data

Use a Universal Screener for Gr. 6 & 7
Use Universal Integers Screener for Gr. 8

-Administer 2 times per year (Sept/May)

Goals:
Grade 6's 65% average
Grade 7's 81% average
Grade 8's 80% average



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Universal Math Screener

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2019/2020

Multi Year Tracking

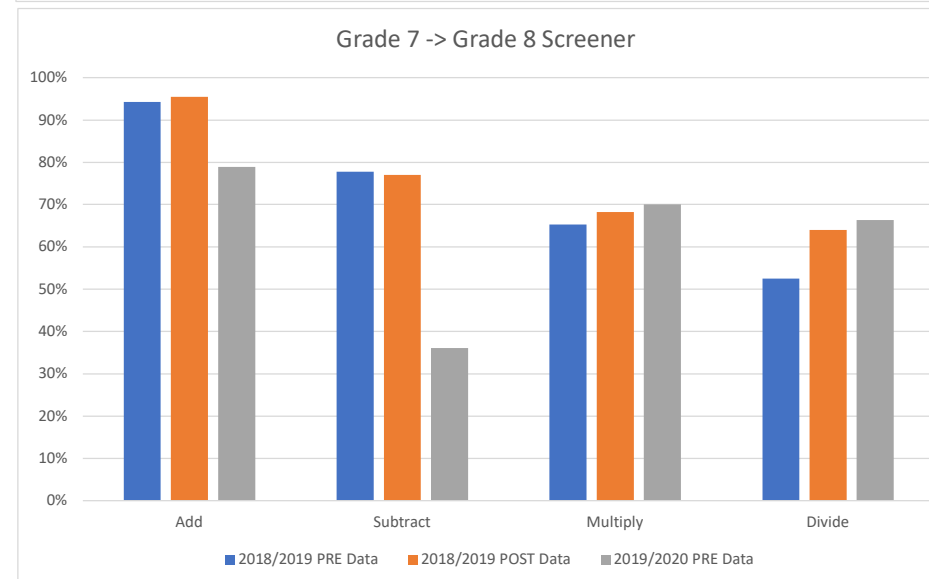
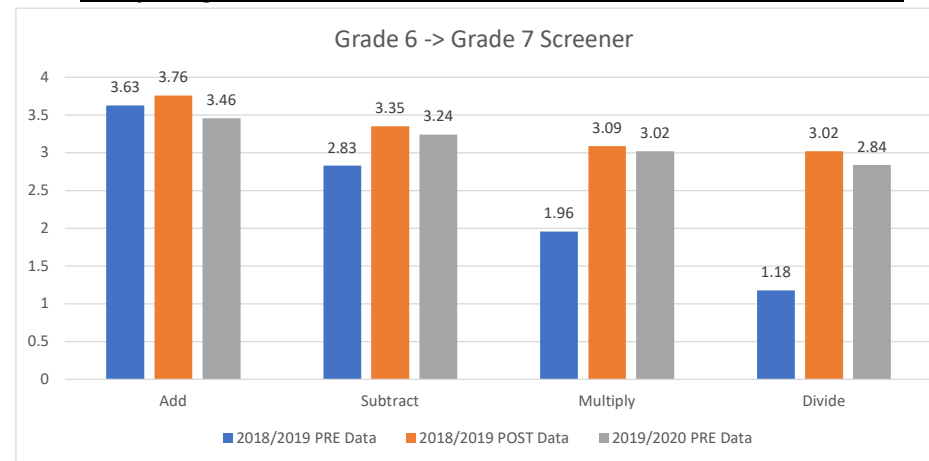
Comparing 2018 Grade 6 Results to 2019 Grade 7 Results

		Add	Subtract	Multiply	Divide
2018/2019	PRE	3.63	2.83	1.96	1.18
2018/2019	POST	3.76	3.35	3.09	3.02
2019/2020	PRE	3.46	3.24	3.02	2.84

Comparing 2018 Grade 7 Results to 2019 Grade 8 Results

		Add	Subtract	Multiply	Divide
2018/2019	PRE	94%	78%	65%	53%
2018/2019	POST	96%	77%	68%	64%
2019/2020	PRE	79%	36%	70%	66%

Comparing 2018/2019 PRE/POST Results to 2019/2020 PRE Results



Math Inquiry Question

How can we support higher order thinking, communication and reflection skills within the new curriculum, while still ensuring success with math content?

Strategy #1

Track Annual Math Skill Data
Highlight Longitudinal Data

Use a Universal Screener for Gr. 6 & 7
Use Universal Integers Screener for Gr. 8

-Administer 2 times per year (Sept/May)

Goals:
Grade 6's 65% average
Grade 7's 81% average
Grade 8's 80% average



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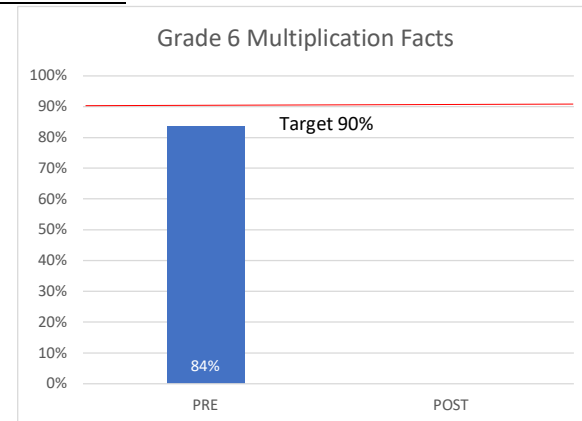
Multiplication Facts

Math 2019/2020 January School Goal Update

2019/2020 Data

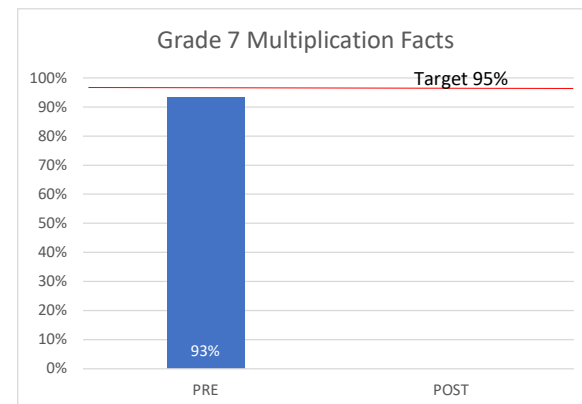
Grade 6 Math Results - Average by Assessment, Class, and Grade

	FACTS	
	PRE	POST *May*
A16	45.10	
A26	38.47	
B16	--	
B26	--	
Grade 6	41.78	
Percent	84%	



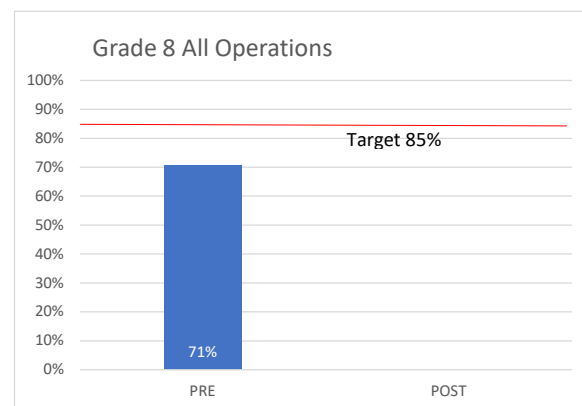
Grade 7 Math Results - Average by Assessment, Class, and Grade

	FACTS	
	PRE	POST *May*
C178	41.00	
C27	42.00	
D17	46.93	
D27	47.83	
Grade 7	46.74	
Percent	93%	



Grade 8 Math Results - Average by Assessment, Class, and Grade

	All Operations	
	PRE	POST *May*
E18	71.57	
E28	68.23	
E38	71.73	
Grade 8	70.51	
Percent	71%	



Math Inquiry Question

How can we support higher order thinking, communication and reflection skills within the new curriculum, while still ensuring success with math content?

Strategy #2

Focus on Multiplication Facts Goals

- Up to 10x10 for Gr. 6 & 7
- All operations for Gr. 8

Goals:

- Grade 6's 90% average
- Grade 7's 95% average
- Grade 8's 85% average

Longitudinal Data

Comparing 2018 Grade 6 Results to 2019 Grade 7 Results

		Facts	Percent
2018/2019	PRE	44.81	90%
2018/2019	POST	48.27	97%
2019/2020	PRE	46.74	93%

Multiplication Facts - Comparing 2018 Grade 6 Results to 2019 Grade 7 Results

