

Brookline School Board
Tuesday, April 17, 2018
Captain Samuel Douglass Academy
6:00 PM

All Times are estimates and subject to change without notice

- 6:00 Call to Order
- 6:15 Agenda adjustments
Correspondence/Resignations/Nominations
- 6:20 Public Input
- 6:30 Principal's report
- 7:00 Discussion
 - Kindergarten
- 7:30 Approval of Minutes
 - January 11, 2018 Public Hearing
- 7:35 Non-public under RSA 91-A: 3II (a) Compensation and/or (c) Reputation
- 8:00 Motion to adjourn

Brookline School Administrator's Report

April 17, 2018

Calendar, Events, Programs

March 28th - SAU 41 STEM EXPO @ HBMS April 6th & 8th - CSDA Theater Performance April 9th - RMMS NH Statewide Assessment System April 10th - PTO Meeting @ CSDA April 11th - RMMS Kindergarten Info Night April 12th - RMMS Spring Concert at HBHS April 17th - Brookline School Board Meeting May 1st and May 3rd - Kindergarten Screening May 3rd - CSDA LiteracyFest & 'Poetry Out Loud' May 4th - Progress Reports	May 7th - CSDA NHSAS Testing Begins May 8th - PTO Meeting at RMMS May 10th - RMMS Writers' Festival, Book Fair, Art Show May 11th - Gr. 5 Field Trip Old Sturbridge Village May 17th - CSDA Chorus Field Trip (American Young Voices) May 18th - Kindergarten Davis Farmland Field Trip May 22nd - District Band Concert at HBHS May 22nd - School Board Meeting May 25th - Memorial Day Program at CSDA
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Brookline Administrator's Report

BSD:

- Winter NWEA Administration
- Infrastructure Grant Projects
- NH Statewide Testing Program
- Anticipated Grade/Team Organization for 2018-2019

RMMS:

- Kindergarten enrollment and Proposal

CSDA:

- ASCD Conference Takeaways & Next Steps
- Math Placement Exams

BSD Enrollment Summary

Pre 3 (20)	Pre 4 (20)	K (72)	1 (78)	2 (65)	3 (79)	4 (78)	5 (73)	6 (67)
Classes 9, 11	Classes 11, 9	Classes 18,18,18 18 - Half	Classes 15,15,16, 16,16	Classes 20, 22, 23	Classes 18, 20, 20, 21	Classes 19,19, 20, 20	Classes 17,18, 19,19	Classes 21 , 23, 23

RMMS total students: 334

CSDA total students: 218

Total BSD students: 552

April 9, 2018

Dear School Board,

As of now, our half-day kindergartners have missed 14 days of school due to seven snow days and seven delays. We would like to propose that these students make up some of this time by attending the last week of school full day with dismissal for them at 2:30 p.m. Allowing half-day students to attend the final week of school, will also ease the transition of a full day when attending first grade.

Thank you for your consideration!

Kindergarten Projections

2016-2017

- Area schools called = 19
- Parents calling in = 1
- RMMS preschool 4 class = 17
- Birth Records = 20

As of 2/16/16 - 57

As of 10/1/16 - **Total = 80**

2017-2018

- Area schools called = 30
- RMMS preschool 4 class = 13
- Preschool wait list = 10
- Birth Records = 22

As of 10/1/16 = 45

As of 1/25/17 = 47

As of 3/23 = 57

As of 1/23/18 - **Total = 73**

2018-2019

- Area schools called = 33 schools
- RMMS preschool 4 class = 19
- Preschool wait list = 11
- Birth Records = 19

As of 1/29/18 Total = 50

As of 2/6/18 Total = 52

As of 3/22/18 = 56 total

As of 4/10/18

(36 Full Day, 20 Half Day, 2 undecided)

58 Total

Captain Samuel Douglass Academy

Winter NWEA Results - 2018





What is NWEA MAP Growth?

“MAP Growth is a computer adaptive test created by NWEA that kids take two to three times per school year. The results provide teachers with information to help them deliver appropriate content for each student and determine each student’s academic growth over time.” -- NWEA

[Parent’s Guide to MAP Growth](#)

[MAP Growth Fact Sheet](#)



CSDA - NWEA Cohort Study > 2015-2018

NWEA % At or Above Norm Grade Level Mean RIT > Reading

Year/Grade	Spring 2015	Spring 2016	Spring 2017	Fall 2017	Winter 2018	Fall - Winter Cohort +/-	Overall Cohort +/-	Cohort Average	Grade Level Average
Three	N/A	78.9	92.1	N/A	N/A	N/A	N/A	N/A	85.5
Four	80.2	76.6	79.2	89.7	93.6	+3.9	+1.5	91.8	83.9
Five	74.5	84.7	74.6	81.9	87.5	+5.6	+8.6	81.9	80.6
Six	80.2	75.0	81.0	76.5	72.7	-3.8	-3.9	75.1	77.0
Average	78.3	78.8	81.7	82.7	84.6	+5.7	+6.2	82.9	81.8

NOTES: Exceptional Grade 4 Cohort, Strongest Gain in Grade 5, 6.3 Gain Over 3 Years,
CSDA Reading = 85% Students Meet or Exceed Norm Mean!



CSDA - NWEA Cohort Study > 2015-2018

NWEA % At or Above Norm Grade Level Mean RIT > Mathematics

Year/Grade	Spring 2015	Spring 2016	Spring 2017	Fall 2017	Winter 2018	Fall - Winter Cohort +/-	Overall Cohort +/-	Cohort Average	Grade Level Average
Three	N/A	80.3	86.8	N/A	N/A	N/A	N/A	N/A	83.6
Four	71.4	67.7	78.2	96.2	92.3	-3.9	+5.5	91.7	81.4
Five	74.5	71.4	63.2	77.8	80.6	+2.8	+3	79.2	73.5
Six	68.3	71.3	78.0	73.1	81.8	+8.7	+14.1	71.5	74.5
Average	71.4	72.7	76.6	82.4	84.9	+7.6	+19.9	80.8	78.3

NOTES: Exceptional Grade 4 Cohort (Ceiling Effect), Grade 5 Gains in Both Reading & Math, Strongest Gain in Grade 6 (Almost 20% in 6 Months), 13.5 Gain Over 3 Years, CSDA Mathematics = 85% Students Meet or Exceed Norm Mean!



CSDA - NWEA Cohort Study > 2015-2018

NWEA Grade Level Mean RIT > Reading

Year/Grade	Spring 2015	Spring 2016	Spring 2017	Fall 2017	Winter 2018	Fall - Winter Cohort +/-	Overall Cohort +/-	Cohort Average	Grade Level Average
Three	N/A	208.0	211.3	N/A	N/A	N/A	N/A	N/A	209.7
Four	213.5	212.7	213.5	211.5	215.7	+4.2	+4.4	212.8	213.4
Five	219.6	222.4	217.8	214.9	219.6	+4.7	+11.6	214.0	218.9
Six	223.3	223.4	225.8	217.4	221.9	+4.5	+9.2	217.5	222.4
CSDA Ave.	218.8	219.5	219.0	217.9	219.1	+13.4	+25.2	214.8	218.6

NOTES: Consistent Gains Across Grade Levels This Year, Grade 5 is Largest Cohort Gain, Grade 6 Also Strong.



CSDA - NWEA Cohort Study > 2015-2018

NWEA Grade Level Mean RIT > Mathematics

Year/Grade	Spring 2015	Spring 2016	Spring 2017	Fall 2017	Winter 2018	Fall-Winter Cohort +/-	Overall Cohort +/-	Cohort Average	Grade Level Average
Three	N/A	210.9	213.3	N/A	N/A	N/A	N/A	N/A	211.7
Four	221.4	218.7	219.6	212.6	220.1	+7.5	+6.8	215.3	218.5
Five	228.5	228.2	224.9	220.8	226.7	+5.9	+15.8	219.5	225.8
Six	231.4	231.5	235.1	224.6	231.5	+6.9	+12.8	224.9	230.8
CSDA Ave.	227.1	226.1	226.5	219.3	226.1	+20.3	+35.4	219.9	221.7

NOTES: Big Gains Across Grade Levels This Year (Highest in Grades 4 & 6), 20-Point Gain in 3.5 Months, Largest Cohort Gain is in Grade 5.

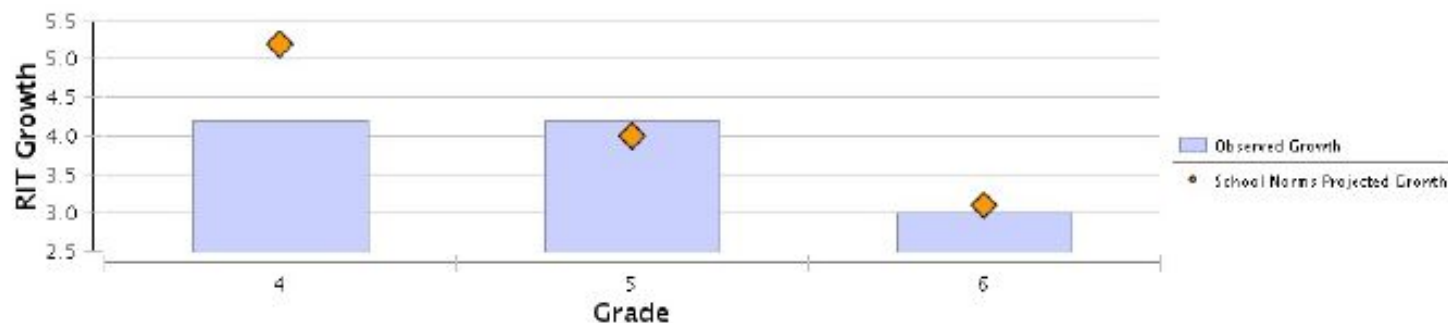
Student Growth Summary - Reading

Captain Samuel Douglass Academy

Reading

		Comparison Periods								Growth Evaluated Against						
		Fall 2017			Winter 2018			Growth		School Norms			Student Norms			
Grade (Winter 2018)	Growth Count	Mean RIT	SD	Percentile	Mean RIT	SD	Percentile	Observed Growth	Observed Growth SE	Projected Growth	School Conditional Growth Index	School Conditional Growth Percentile	Count with Projection	Count Met Projection	Percent Met Projection	Student Median Conditional Growth Percentile
4	78	211.6	10.7	88	216.7	8.8	87	4.2	0.7	6.2	-1.02	16	78	44	68	66
5	70	216.6	10.4	84	219.8	8.7	86	4.2	0.8	4.0	0.24	80	70	38	68	62
6	66	218.9	11.3	80	221.9	11.2	89	3.0	0.8	3.1	-0.10	48	66	38	80	69

Reading



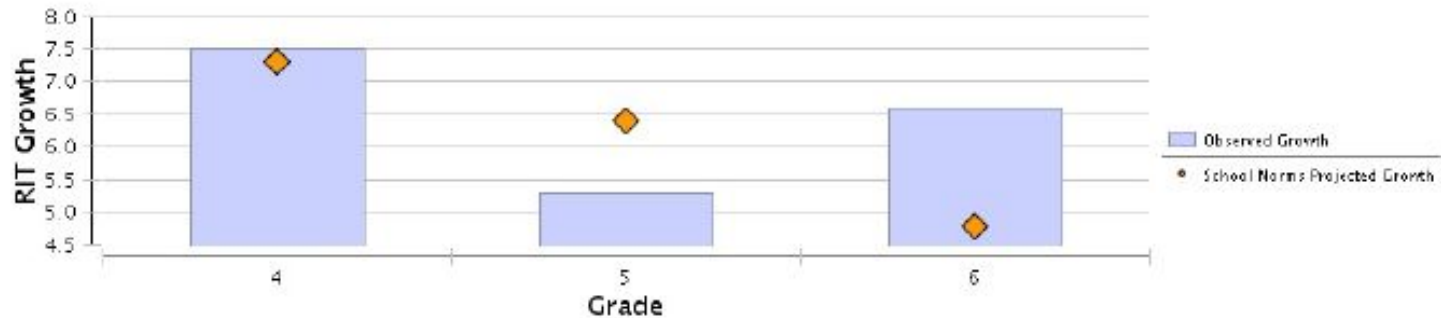
Student Growth Summary - Mathematics

Captain Samuel Douglass Academy

Mathematics

		Comparison Periods								Growth Evaluated Against						
		Fall 2017			Winter 2018			Growth		School Norms			Student Norms			
Grade (Winter 2018)	Growth Count	Mean RIT	SD	Percentile	Mean RIT	SD	Percentile	Observed Growth	Observed Growth SE	Projected Growth	School Conditional Growth Index	School Conditional Growth Percentile	Count with Projection	Count Met Projection	Percent Met Projection	Student Median Conditional Growth Percentile
4	78	212.8	8.8	98	220.1	8.0	98	7.6	0.6	7.3	0.13	55	78	53	88	80
5	70	221.8	12.8	93	228.8	12.6	90	6.3	0.7	6.4	-0.81	21	70	31	44	43
6	85	226.3	13.3	88	231.9	12.8	90	8.8	0.7	4.8	1.42	82	85	48	71	85

Mathematics





2018 NWEA Big Takeaways

- Consistent Gains Across Years in Both Reading & Math
- Greatest Gains in Mathematics
- Reading and Math Performance Now Balanced
- Cohort Gains Strong - Exponential Growth (No Gain = Gain, Witnessed Gain = Exponential)
- Winter Schoolwide Percentiles: Mathematics - 92nd %-ile, Reading - 94th %-ile
- Outlier Improvement - Fewer Students in Lowest Performance Category, More Students in Highest Performance Category



Likely Contributing Factors

- Great Kids & Families -- Starts & Ends Here
- Dedicated Teachers and School Board -- All In, Every Day
- Lower Class Sizes -- From 25+ to -20 per class
- Improved Programming -- Readers/Writers Workshop, EVM2.0
- Greater Teacher Efficacy -- Continuous Refinement, Collaboration
- Improved School Culture -- Focused, Success-Oriented, Stars
- Greater Personalized Learning -- READ 180, Dreambox, Other
- Ubiquitous Computing -- Laptops, Chromebooks, iPads, BYOD
- Enrichment for All! -- Canis Lupus, 2.0 - EXL



What's Next -- Mathematics?

- Maintain Commitment to EVM2.0
- Continue to Refine EVM2.0 Implementation
- Bolster 'Math Workshop' Practices
- Ensure Effective Teacher Coaching/Monitoring
- Ensure Adequate Student & Teacher Support
- Ensure a Properly Staffed 'Response to Intervention' (RTI) Program
- Broaden Application of Dreambox Learning and Other Personalized Learning Tools



What's Next -- Reading/Writing/ELA?

- Maintain Commitment to READ180
- Continue to Refine Readers & Writers Workshop Implementation
- Ensure Effective Teacher Coaching/Monitoring
- Ensure Adequate Student & Teacher Support
- Ensure a Properly Staffed 'Response to Intervention' (RTI) Program
- Research High Quality Professional Development
- Research Effective 'Word Study' Programs for Schoolwide Implementation
- Redouble Efforts to Improve Writing Instruction



Thank YOU!!



This is how we roll!

Everything we do, we do well!