
18 Month Improvement Plan Impact on Student Learning

October 2011 – March 2013:
What does the data tell us ?

As the 18 Month Improvement Cycle Draws to an End...

- Evidence, Testimony, Data:
 - Strengthen the basics – literacy, writing, math
 - Rebuild foreign languages
 - Develop new STEM initiatives
 - Build new Quality Assurance Capacity
 - Research-based instructional strategies
 - Curriculum (guaranteed, viable, alignment with Common Core)
 - Energize professional learning
 - Adopt “best practices” for integrating technology
 - Create safe, caring, learning environments
 - Promote community service, service learning, civic engagement
- What about the corresponding student learning data?

What will we be looking at?

■ K-8 Assessments

■ NWEA

Northwest Educational Association

■ NECAP

*New England Common
Assessment Program*

■ ReadiStep

*College & Career Pathway
Readiness Assessment*

■ 8-12 Assessments

■ ReadiStep

*College & Career Pathway
Readiness Assessment*

■ PSAT

Preliminary SAT

■ SAT

Scholastic Assessment Test

■ AP

Advanced Placement

■ Graduation Data

NWEA Reading % Median Achievement

% of students meeting/exceeding national performance

Note: shifting to Common Core tests 2013

	Spr.2010		Spr.2011		Spr.2012	
YOG	Grade	%	Grade	%	Grade	%
2019	3	68	4	73	5	78
2018	4	73	5	76	6	79
2017	5	72	6	72	7	83
2016	6	77	7	81	8	81
2015	7	82	8	79	9	88

Considerations:

K-5: Support of struggling students

6-8: Reading professional development across all content areas

NECAP Reading Performance

% of students meeting/exceeding State standards

Note: to be replaced by new state assessments 2014-15

	Oct. 2010		Oct. 2011		Oct. 2012	
YOG	Grade	%	Grade	%	Grade	%
2019	3	70	4	81	5	83
2018	4	80	5	80	6	80
2017	5	85	6	84	7	84
2016	6	80	7	83	8	88
2015	7	82	8	88	N/A	

Considerations:

K-5: Support of struggling students

6-8: Reading professional development across all content areas

NWEA Mathematics % Median Achievement

% of students meeting/exceeding national performance

YOG	Spr.2010		Spr.2011		Spr.2012	
	Grade	%	Grade	%	Grade	%
2019	3	61	4	67	5	61
2018	4	64	5	68	6	70
2017	5	62	6	72	7	73
2016	6	72	7	75	8	75
2015	7	77	8	77	9	77

Considerations:

K-5: New Curriculum, Fall. 2011; Significant P.D.

6-8: On-Going P.D.

NECAP Mathematics Performance

% of students meeting/exceeding State standards

Note: to be replaced by new state assessments 2014-15

YOG	Oct. 2010		Oct. 2011		Oct. 2012	
	Grade	%	Grade	%	Grade	%
2019	3	67	4	79	5	72
2018	4	73	5	77	6	78
2017	5	76	6	75	7	79
2016	6	76	7	76	8	79
2015	7	75	8	75	na	

Considerations:

K-5: New Curriculum, Fall. 2011; Significant P.D.

6-8: On-Going P.D.

K-8 Summary

Observations:

- Indicators of upward trend where
 - Investments made in professional development
 - Investments made in quality staff

Considerations:

- Continue to support Quality Assurance Initiative
 - Provide professional development and coordination of curriculum
- Continue to support Professional Learning Team Model.

ReadiStep Class of 2016 (current Freshmen)

Summary of Answers and Skills (College Board) Data

Note: pre-PSAT test for grades 8 and 9

	Fall 2011 (gr.8) % college readiness local (state)(national)	Fall 2012 (gr.9) % college readiness local (state)(national)
Composite College Benchmark	48.9 (NR)(25.2)	Not Reported (NR)
Critical Reading	3.9 (3.9)(3.3)	4.3 (3.9)(3.3)
Math	4.2 (4.2)(3.6)	4.6 (4.0)(3.7)
Writing	3.9 (3.9)(3.5)	4.5 (3.9)(3.6)

Grade 9 Summary

(ReadiStep Class of 2016)

- Observations:
 - Growth in performance from 8th grade fall test administration to 9th grade fall test administration
 - Outperforming current Sophomores in Writing
 - Parallel performance to current Sophomores in Critical Reading and Math
- Considerations:
 - Benefiting from grade 8-9 curriculum alignment with CCSS
 - Benefiting from professional development
 - Benefiting from the work done on Common Course Frameworks as well as Common Mid/Final Exams

PSAT Class of 2015 (Current Sophomores)

Summary of Answers and Skills (College Board) Data

	Fall 2012 (gr.10) % college readiness local (state)(national)
Composite College Benchmark	56.1 (NR)(38.5)
Critical Reading	46.3 (42.5)(42.5)
Math	46.0 (42.0)(42.8)
Writing	43.6 (40.5)(41.3)

Grade 10 Summary

(PSAT Class of 2015)

- Observations:
 - Outperforming current Juniors in College and Career Readiness
 - Almost outperforming current Juniors in Critical Reading, Math and Writing
- Considerations:
 - Benefiting from (8) 9-12 curriculum alignment with SAT and CCSS student performance expectations.
 - Benefiting from the current support given teachers in professional development
 - Benefiting from the work done on Common Course Frameworks as well as Common Mid/Final Exams

PSAT Class of 2014 (current Juniors)

Summary of Answers and Skills (College Board) Data

	Fall 2011 (gr.10) % college readiness local (state)(national)	Fall 2012 (gr.11) % college readiness local (state)(national)
Composite College Benchmark	34.4 (NR)(24.9)	49.6 (NR)(46.3)
Critical Reading	46.1 (42.6)(42.3)	47.6 (45.4)(46.9)
Math	44.9 (41.6)(42.3)	48.1 (45.8)(47.8)
Writing	42.9 (39.3)(40.3)	46.7 (43.8)(46.0)

Grade 11 Summary

(PSAT Class of 2014)

- Observations:
 - Growth from PSAT taken as Sophomores to PSAT taken as Juniors
 - Growth in ability to participate in College and Career level HS studies
 - More significant growth at the State and National levels
- Considerations:
 - Continue to align 9-12 curriculum with CCSS
 - Support teachers in professional development
 - Support teachers in content specific teaching strategies

SAT (current Seniors)

Summary of Answers and Skills (College Board) Data

Skill Area	2010 (state)(national)	2011 (state)(national)	2012 (state)(national)
Critical Reading	499 (468)(501)	520 (469)(497)	518 (470)(496)
Math	502 (467)(516)	516 (469)(453)	521 (472)(452)
Writing	494 (454)(492)	521 (453)(489)	512 (452)(488)

Grade 12 Summary

(SAT Class of 2013)

Observations:

- Greatest growth in Math
- Limited growth in Critical Reading/Writing
- While 3 year view does show growth, a 5 year view shows an actual drop: 2008 CR/526 M/524 W/519
2009 CR/513 M/527 W/518

■ Considerations:

- Continue with alignment of curriculum both vertically (8-12) and horizontally (teacher-to-teacher)
- Continue to promote & share best practice (8-12)
- Continue with Quality Assurance initiative

Advanced Placement

College Board Data

Year	Enrollment	# Students	Exams
2013	372	TBD (May)	TBD (May)
2012	366	168	337
2011	300	143	254
2010	321	146	269

Advanced Placement

- Observations:
 - Growth in enrollments *but* not in the numbers of students taking courses (same students taking more AP classes)
 - Growth in exams administered *but* not in the numbers of students taking exams (same students taking more exams)
 - Student performance on exams has remained consistently high *but* it is the same students taking more exams = low Access/Equity Score
 - In 4 years we have not offered or grown any new AP programs
 - Under representation of student enrollment in STEM courses
- Considerations:
 - Utilize AP Potential Data
 - Support students, staff and parents in the growth of AP

Scarborough Graduation Rates

MDOE Data

YOG	Percentage	Number
2012	94.12	<i>MDOE indicates * if less than 10</i>
2011	92.94	15
2010	93.59	12
2009	89.39	14
2008	92.77	13
2007	88.12	20
2006	89.23	25

Observations:

Graduation rates have increased

First time in 6 years # of students dropping out is below 10

As the 18 Month Improvement Cycle Draws to an End...

- Student Learning Data:
 - Provides delayed feedback (testing & reporting cycles)
 - Testing protocol redesigned for more informative data
 - Professional Learning Teams: “sky-rockets” data focus
 - “Low investment producing high performance”... misguided
 - “Lowest investment producing slightly better than average performance” across-the-board
 - Plateaus, gaps, regression
 - Indicators of progress, new positive trajectories
 - Community Dialogue identified the right priorities
 - Improvement targets were the right choice
 - Investment targets produced most encouraging results

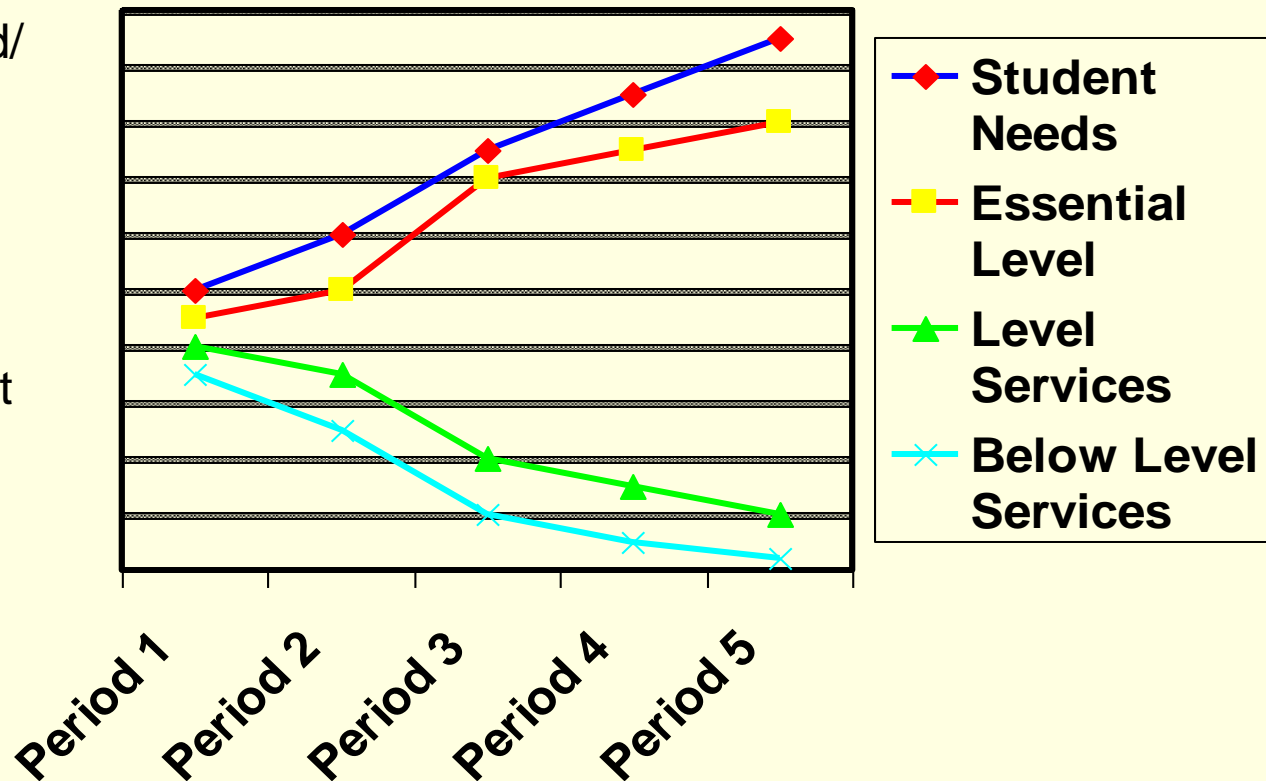
School Improvement Trajectory

Accelerated/
Consistent

Moderate/
Steady

Slow/
Inconsistent

None/
Regression



Thank you.

Questions?