

Pierce Middle School School Improvement Plan 2011-2014



Pierce Middle School

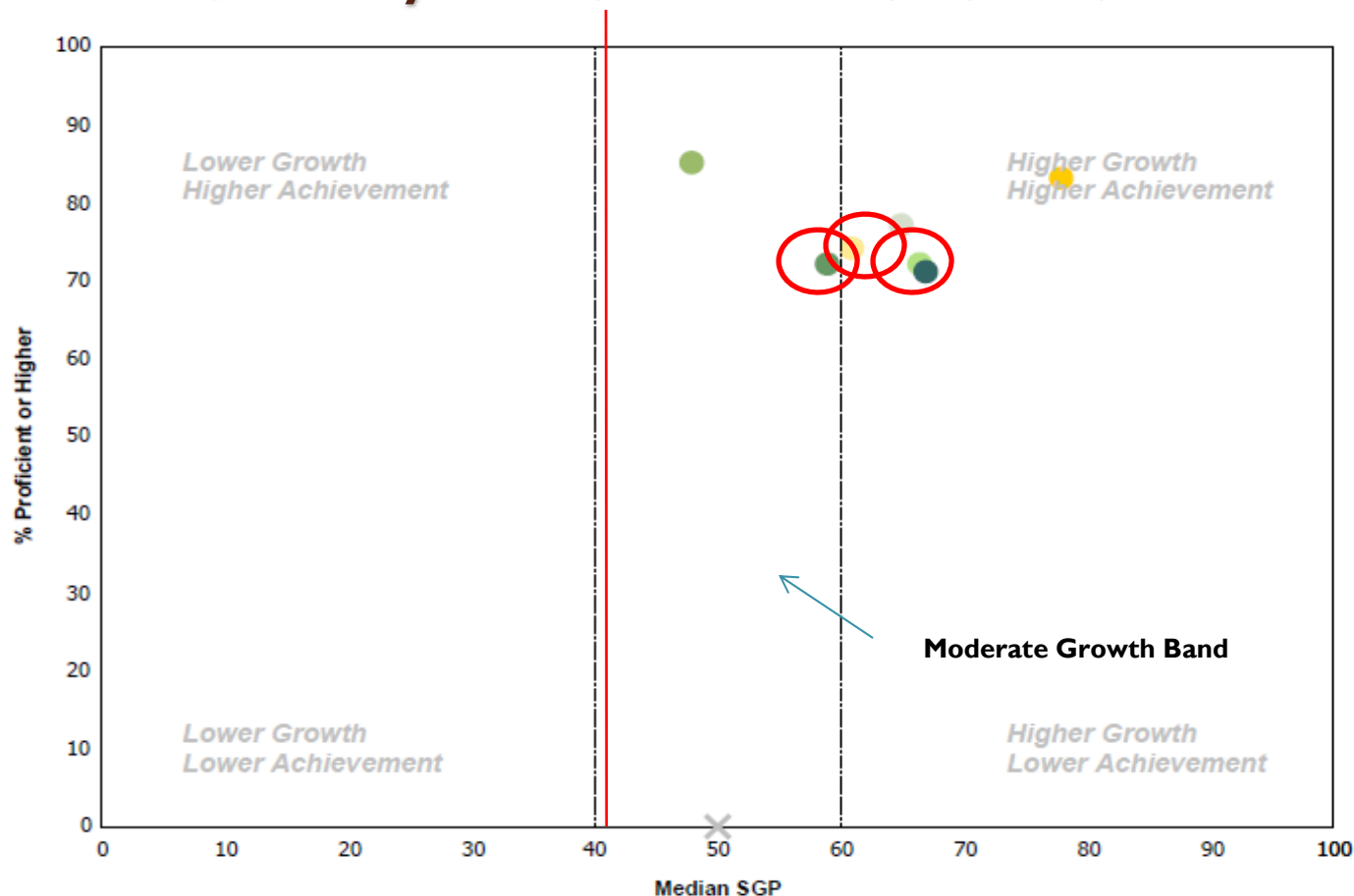
2011 Preliminary AYP

		Adequate Yearly Progress History								NCLB Accountability Status
		2004	2005	2006	2007	2008	2009	2010	2011	
ELA	Aggregate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Restructuring Year 2 - Subgroups
	All Subgroups	Yes	No	No	No	No	No	No	No	
MATH	Aggregate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Restructuring Year 2 - Subgroups
	All Subgroups	No	No	No	No	No	No	Yes	No	

Low Income

SpEd,, Low Income,
Afr. Am./Black

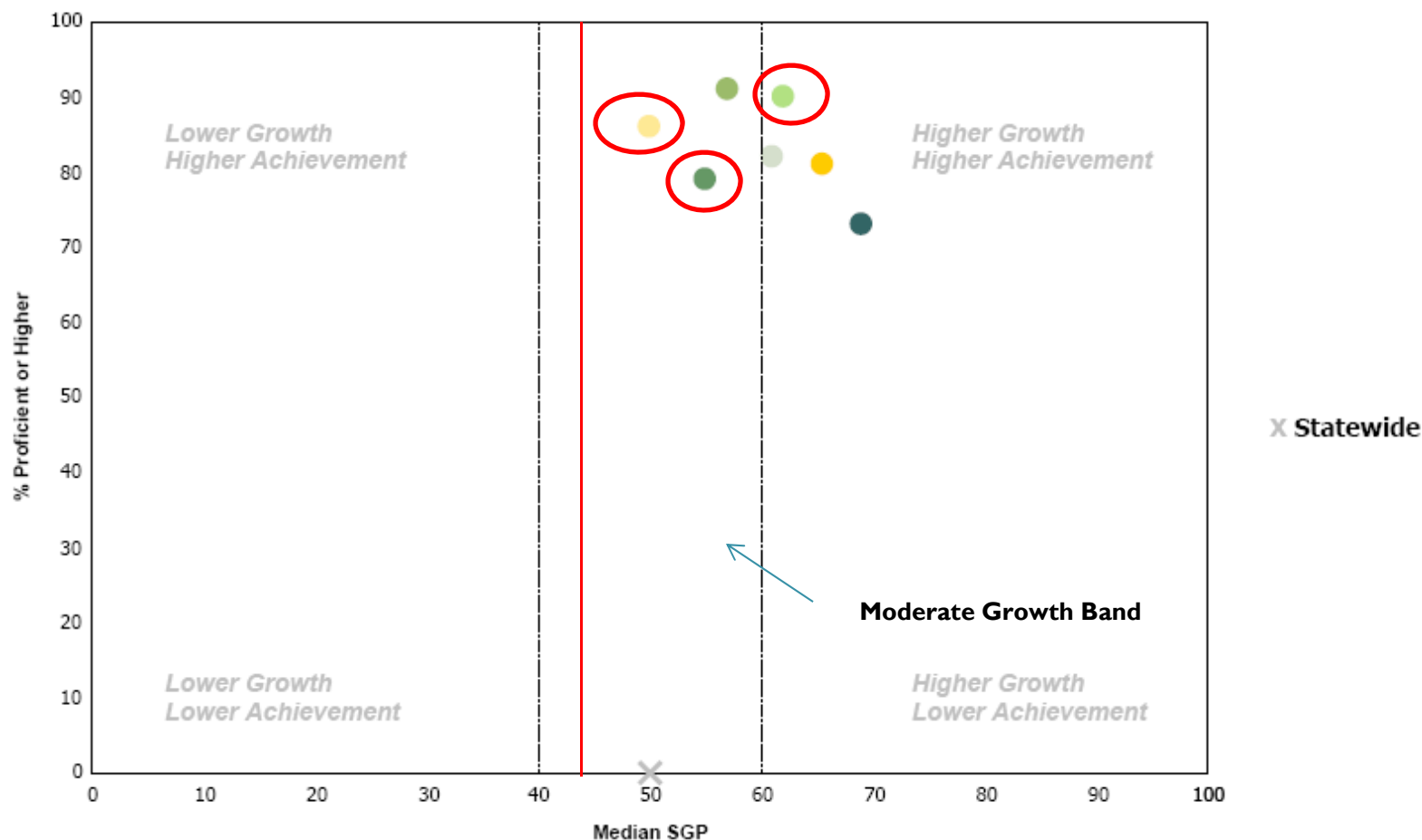
2011 Preliminary District Growth Percentiles - MATH



		Median SGP	N Students (SGP)	% Proficient or Higher	N Students (Perf. Level)
	04 - Milton	67	301	71	315
	05 - Milton	78	323	83	336
	06 - Milton	59	275	72	287
	07 - Milton	61	267	74	281
	08 - Milton	66.5	264	72	274
	10 - Milton	48	238	85	274
	All Grades - Milton	65	1,668	77	2,059

Median student growth percentiles (SGP) is not calculated if the number of students included in SGP is less than 20.

District Growth Percentiles - ELA



		Median SGP	N Students (SGP)	% Proficient or Higher	N Students (Perf. Level)
	04 - Milton	69	301	73	315
	05 - Milton	65.5	322	81	334
	06 - Milton	55	275	79	288
	07 - Milton	50	268	86	282
	08 - Milton	62	264	90	273
	10 - Milton	57	238	91	274
	All Grades - Milton	61	1,668	82	2,059

Median student growth percentiles (SGP) is not calculated if the number of students included in SGP is less than 20.

Math and ELA Highlights

Average number of points above the state average

- Grade 6 Math- 9 points
- Grade 6 ELA- 5 points
- Grade 7 Math- 12 points
- Grade 7 ELA- 8 points
- Grade 8 Math- 10 points
- Grade 8 ELA- 6 points

Comparison of Student Growth Percentiles from 2010- 2011

- Grade 6 Math 55- 59
- Grade 7 Math 50- 61
- Grade 8 Math 67- 67
- Grade 6 ELA 51- 55
- Grade 7 ELA 48- 50
- Grade 8 ELA 51.5- 62

*Over 1/3 of all students had a student growth percentile of 80 or above (exceptional growth)



Math Investigations

Grade 8 Investigations

- 38% had an SGP of 90 or above
- 81% had an SGP of 70 or above
- 35% reached Proficiency
- 92% showed an increase in their score

Grade 7 Investigations

- 36% had an SGP of 90 or above
- 57% had an SGP of 70 or above
- 39% reached Proficiency
- 53% showed an increase in their score



Pierce 280 Club

- 48 students with 280 in math (grades 5-8)
- 25 students with 280 in English (grades 5-8)
- 3 students with 280 in science (grades 5-8)
- All Pierce* students were recognized by Superintendent Gormley and Assistant Superintendents Phelan and Gillis at the Annual 280 Club Luncheon

*Some students have moved on to other schools or Milton High School



Pierce 280 Club Luncheon





High Academic Achievement for All Students

- Re-aligned math curriculum to provide Algebra I experience for all grade 8 students by SY 2013-2014
- Common Assessments in all subject areas aligned with the new Massachusetts State Frameworks (Common Core) – in process
- Benchmark testing to determine reading level in grade 6. Lexile scores used to identify appropriate reading content for each student
- LASW
- Using MCAS and classroom data to drive instructional decisions
- Creation of Accelerated Initiative in Mathematics (AIM) to provide in-depth coverage of topics for above level students
- Math is a Slam Dunk
- Study Island to support and measure students' progress towards standards



Excellence in the Classroom Instruction

- Rigorous course of study designed to support higher order thinking and student ownership of content
- Classroom embedded professional development- Collaborative Coaching and Learning model, outside consultant/coach to provide over the shoulder coaching in math
- Bi-weekly curriculum meetings focused on collaborative instructional planning and practice
- Assessments – Benchmark
- Study Island
- Curriculum Meeting
- Aim – Above level



Collaborative Relationships and Communication

- Teachers in the collaborative cycle (design and implementation of school or curricular initiative)
- Grade team/subject team teachers designing professional development to support team initiatives
- Development of Instructional Leadership Team
- Multi-grade level groups participating in Lincoln Essay Contest in collaboration with The Forbes House and Milton's 350th Celebration



Respect for Human Differences

- Student mentoring program
- Student of the month – variety of categories
- No Name Calling Day/Week
- Acts of Kindness
- Rachel's Challenge
- Friends of Rachel Group
- Global Celebration
- Coffee Hour – Saturday Mornings
- Families Helping Families
- High Five Wall – Recognition
- Anti-Bullying Curriculum
- Milton Teens Helping Teens
- Student Council Initiatives – Cradles to Crayons, Jeans Drive – My Brothers Keeper, Toy Drive – Milton Food Pantry Drive



Risk Taking and Innovation for Education

- Pilot of Foss units in science units
- Development of performance based common assessments (grade 7 – geography)
- Re-alignment of math curriculum accelerate progress and student achievement



School Based Initiatives

- Recognize student achievement and effort through a variety of events
- Continue to create and maintain opportunities for students to engage in a variety of programs during the school day and before/after school
- Continue to provide opportunities to connect with families
- Student Mentoring Program
- Annual Career Day



Curricular Initiatives

- To continue to align learning objectives in each curriculum area with the Mass. DESE 2011 Curriculum Frameworks
- Use Professional Learning Communities (PLCs) to support development of instructional strategies
- Develop Investigations and AIM course materials
- Implement new math alignment in grades 6-10
- Use of benchmark testing in grade 6 to drive reading instruction
- Use of Study Island in Math, ELA and Science
- Specific expectations and training for instructional aides and support staff