

Milton High School

School Improvement Plan

School Committee Presentation, April 3, 2013



Milton High School Site Council

- James Jette, *Principal/School Representative*
- Michelle Kreuzer, *Vice-Principal/School Representative*
- Tracy Grandeau, *Special Education Team Chairperson/School Representative*
- Cathy Queally, *Teacher/School Representative*
- Ben Kelly, *Teacher/School Representative*
- Keema Armstead, *Parent Representative*
- Nancy Barber, *Parent Representative*
- Veronica Guerrero-Macia, *Parent Representative*
- Betty White, *Community Representative*
- Vicki McCarthy, *Community Representative*
- Michael Zullas, *Community Representative*
- Arianna Keith, *Student Representative*
- Noel McCampbell, *Student Representative*

Agenda

- Overall Assessment Performance
- Proficiency Gap Analysis
- Milton High School Improvement Plan
Goals and Initiatives
- Highlights

Accountability

2012 Accountability Data - Milton High

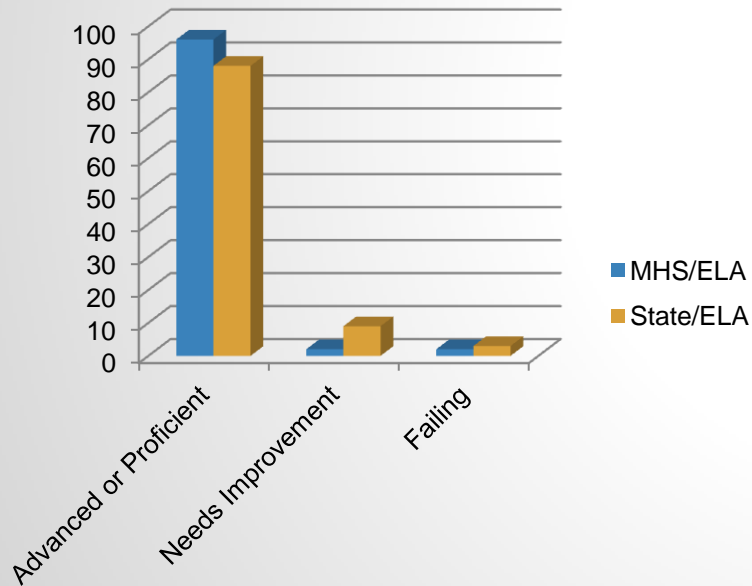
Organization Information			
District:	Milton (01890000)	School type:	High School
School:	Milton High (01890505)	Grades served:	PK,09,10,11,12
Region:	Greater Boston	Title I status:	Non-Title I School (NT)

Accountability Information		About the Data
Accountability and Assistance Level		
Level 1	Meeting gap narrowing goals	
This school's overall performance relative to other schools in same grade span (School percentiles: 1-99)		
All students:		
	Lowest performing	Highest performing

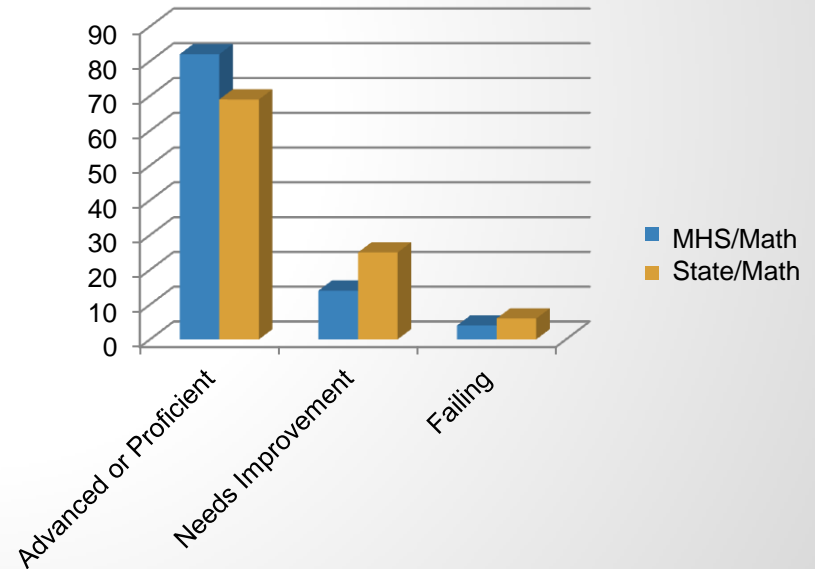
This school's progress toward narrowing proficiency gaps (Cumulative Progress and Performance Index: 1-100)				View Detailed 2012 Data
Student Group (Click group to view subgroup data)	On Target = 75 or higher - ■			
	Less progress	More progress		
All students			97	Met Target
High needs			87	Met Target
Low income			100	Met Target
ELL and Former ELL			-	-
Students w/disabilities			-	-
Amer. Ind. or Alaska Nat.			-	-
Asian			-	-
Afr. Amer./Black			78	Met Target
Hispanic/Latino			-	-
Multi-race, Non-Hisp./Lat.			-	-
Nat. Haw. or Pacif. Isl.			-	-
White			100	Met Target

Grade 10 2012 MCAS Proficiency Level Data

English Language Arts All Students vs. State

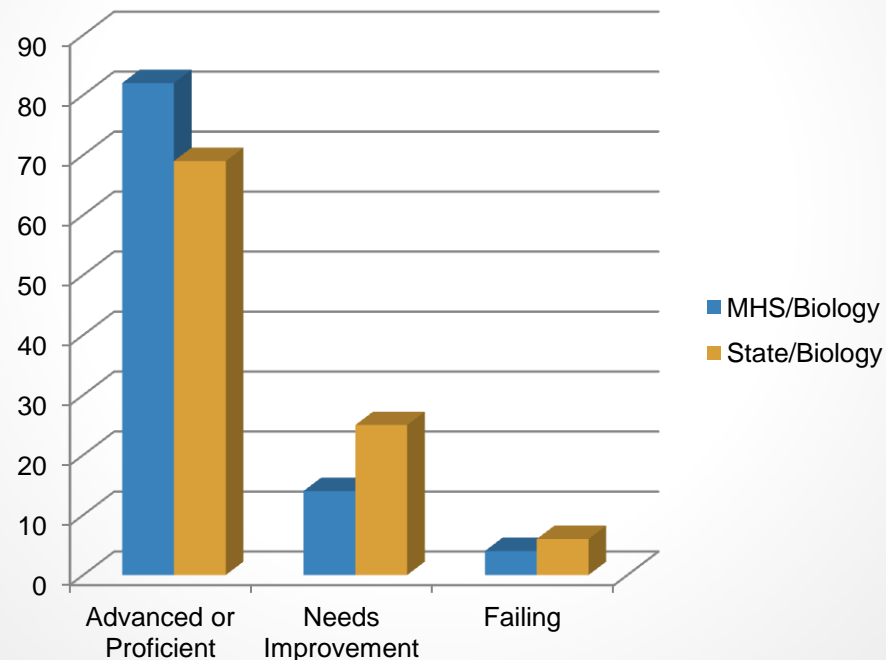


Mathematics All Students vs. State

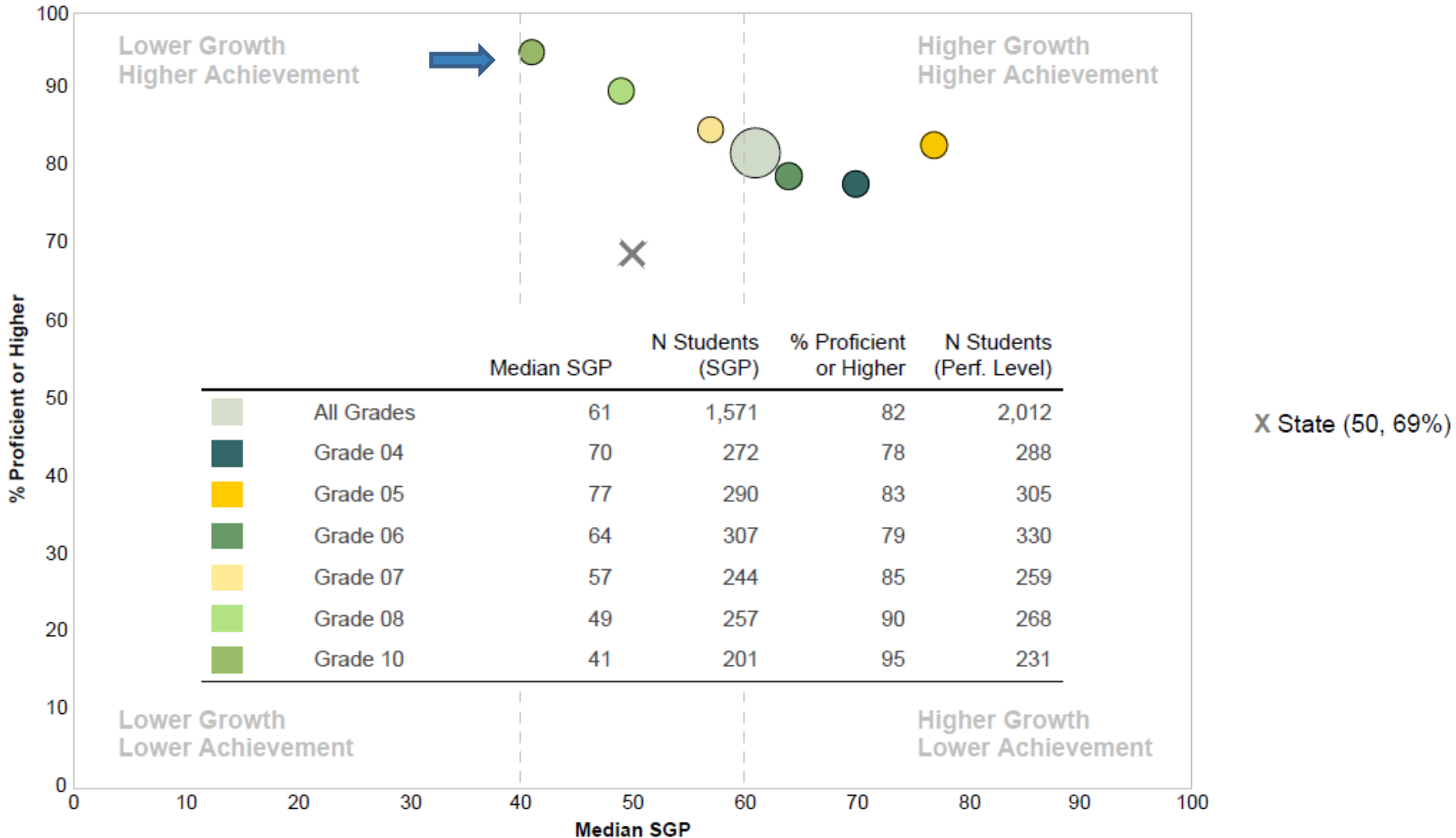


Grade 9 2012 MCAS Proficiency Level Data

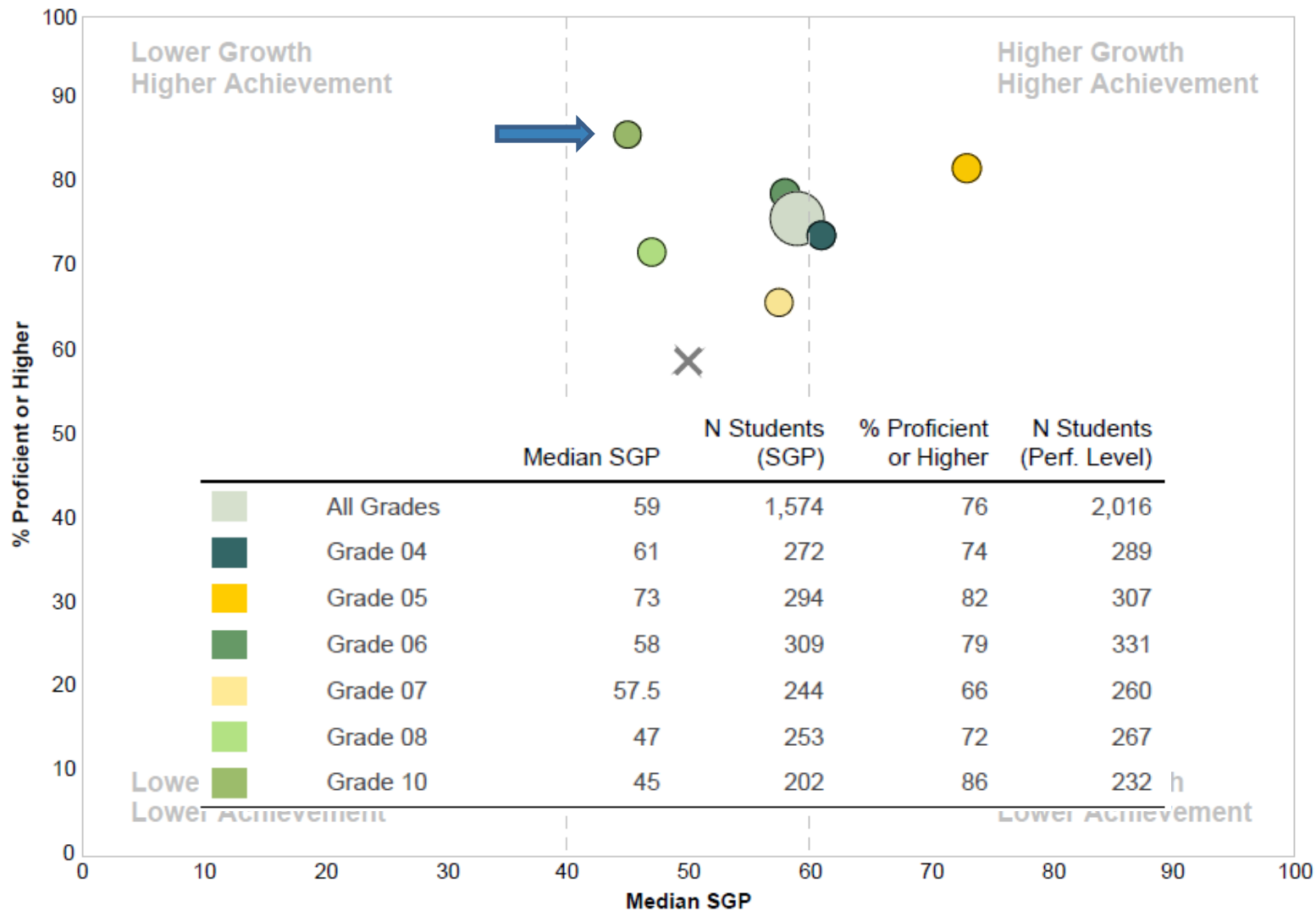
Biology All Students vs. State



Spring 2012 MCAS School Achievement and Growth ELA by Grade



Spring 2012 MCAS School Achievement and Growth Mathematics by Grade



SAT Results

SAT Reasoning Test	Class of 2008	Class of 2009	Class of 2010	Class of 2011	Class of 2012
Math	535	520	509	527	529
Critical Reading	533	518	499	515	514
Writing	533	511	497	508	506
Combined Score	1601	1549	1505	1550	1549
Class Size	241	231	272	243	234
# of Seniors taking SAT	229	228	255	240	234
% of Seniors taking SAT	95%	99%	94%	99%	100%

AP Results

The following chart shows the Advancement Placement (AP) test scores of Milton High School juniors and seniors from 2001-2012. Students who qualify for college credit score 3, 4, or 5 on the test.

Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Number of Test Takers	167	144	158	137	145	194	230	239	248	276	277	299
Number of Tests Taken	313	249	284	289	268	369	459	484	494	546	586	608
Percent of Exams Taken and earning a Qualifying Score	50%	57%	62%	66%	58%	58%	58%	54%	49%	46%	54%	66%
Percent of Students Tested who earned a Qualifying Score	No data	No data	No data	No data	No data	No data	No data	61%	58%	51%	61%	70%

MHS Subgroups

- High Needs – Low Income, Special Education, ELL
- African American/Black
- White

Accountability

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Accountability Information		About the Data
Accountability and Assistance Level		
Level 1	Meeting gap narrowing goals	
This school's overall performance relative to other schools in same grade span (School percentiles: 1-99)		
All students:		60

This school's progress toward narrowing proficiency gaps (Cumulative Progress and Performance Index: 1-100)				View Detailed 2012 Data
Student Group (Click group to view subgroup data)	On Target = 75 or higher - ■			
	Less progress	More progress		
All students			97	Met Target
High needs			87	Met Target
Low income			100	Met Target
ELL and Former ELL			-	
Students w/disabilities			-	
Amer. Ind. or Alaska Nat.			-	
Asian			-	
Afr. Amer./Black			78	Met Target
Hispanic/Latino			-	
Multi-race, Non-Hisp./Lat.			-	
Nat. Haw. or Pacif. Isl.			-	
White			100	Met Target

African American Subgroup

ELA	2008	2009	2010	2011	2012
CPI African American/Black	89.9	87.9	88	92.2	98.1
CPI White	96.6	99	98.3	99.1	99.7
Difference	-6.7	-11.1	-10.3	-6.9	-1.6

MATH	2008	2009	2010	2011	2012
CPI African American/Black	82.9	77.7	84	89	87
CPI White	95.9	96.3	96.3	98.1	97.5
Difference	-13	-18.6	-12.3	-9.1	-10.5

Have gaps in performance between student groups decreased over time? **YES**

Have all groups of students gained over time? **YES**

What is the magnitude of the gap between groups?

*ELA the gap is relatively small
Math – Improving but still significant*

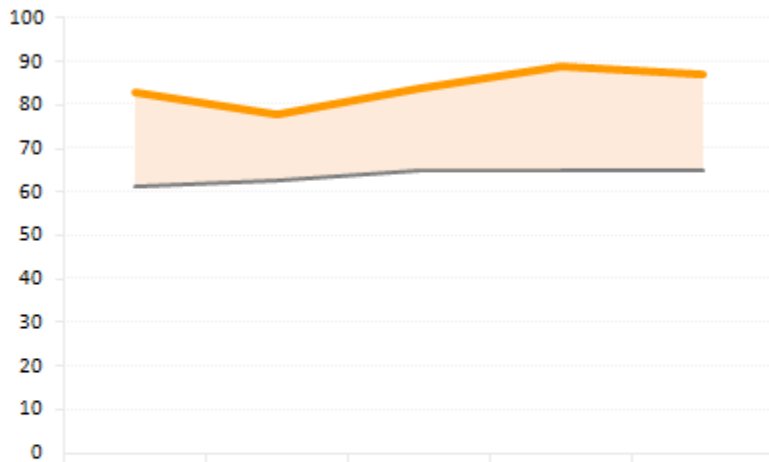
How does each group of students currently perform relative to their counterparts in other schools, districts, or states?

See next slide

Cumulative Proficiency Index African American/Black Subgroup Math, ELA (Grade 10)

CPI Achievement Gap - Mathematics

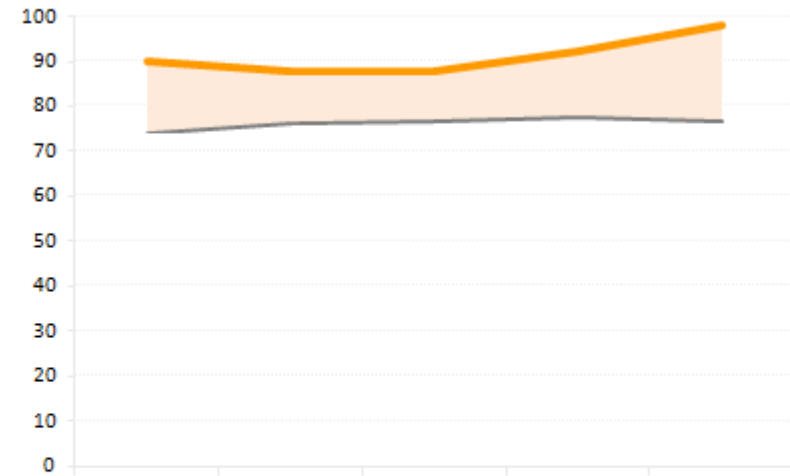
Milton High



		2008	2009	2010	2011	2012
State	N	40,536	40,235	39,864	40,391	41,370
	CPI	61.4	62.7	65.1	65.0	65.1
Milton High	N	82	55	75	77	52
	CPI	82.9	77.7	84.0	89.0	87.0
CPI Gap		21.5	15.0	18.9	24.0	21.9

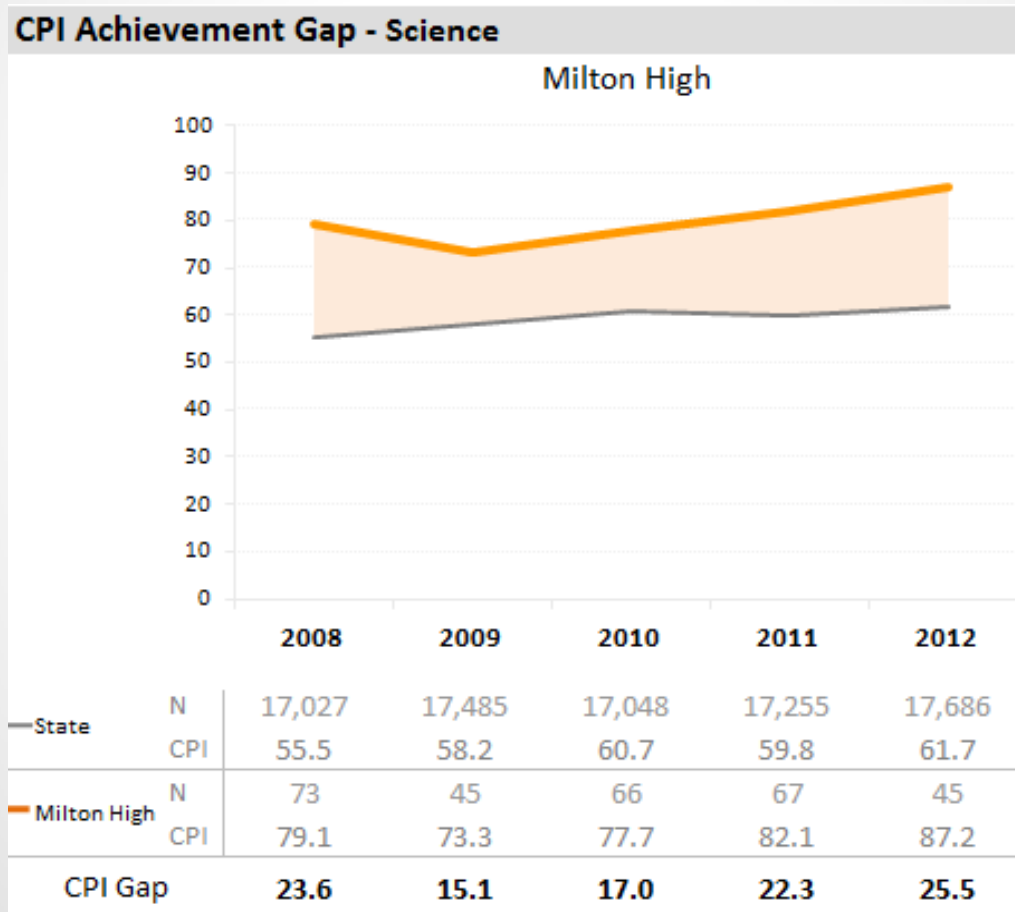
CPI Achievement Gap - English Language Arts

Milton High



		2008	2009	2010	2011	2012
State	N	40,491	40,098	39,877	40,300	41,346
	CPI	74.2	76.3	76.6	77.4	76.5
Milton High	N	82	56	75	77	52
	CPI	89.9	87.9	88.0	92.2	98.1
CPI Gap		15.7	11.6	11.4	14.8	21.6

Cumulative Proficiency Index African American/Black Subgroup Biology (Grade 9)



AP Ethnicity Test Results

YEAR	2011	2012
Total Number of Tests Taken	584	608
Number of Asian students qualifying	21 out of 40 testers 53%	28 out of 48 testers 58%
Number of Black students qualifying	21 out of 59 testers 36%	51 out of 82 testers 62%
Number of Hispanic students qualifying	3 out of 8 testers 38%	13 out of 16 testers 81%
Number of "Other" students qualifying	9 out of 15 testers 60%	22 out of 39 testers 56%
Number of White students qualifying	261 out of 463 testers 56%	274 out of 407 testers 67%
Number who choose not to identify their ethnicity	1 tester	11 out of 16 testers 69%

Highlights from the Data

- All three MCAS subjects increased in the number of students scoring proficient/advanced from 2011 to 2012
 - ELA: 96% scored proficient/advanced in 2012
 - Math: 63% advanced in 2011 to 67% in 2012
 - Biology: 75% proficient/advanced in 2011 to 82% in 2012
- No ELA failures/5 students in Needs Improvement
- Math failures decreased from 3% to 2%
- 100% of 2011-2012 eligible seniors participated in the SAT exam while continuing to out perform the national average
- Participation in AP exams has increased while the percent of qualifying scores on the AP exams increased from 54% to 66%

School Improvement Plan

- I. High Academic Achievement for All Students
- II. Excellence in the Classroom
- III. Collaborative Relationships and Communication
- IV. Respect for Human Differences
- V. Risk Taking and Innovation for Education

High Academic Achievement for All Students

- Revision and realignment of curriculum to meet new MA Frameworks (Common Core) and new AP standards
- Identify which department/content area assumes responsibility for teaching and assessing each of the school-wide 21st Century Learning Expectations (NEASC Standard)
- Create a re-formatted curriculum guide which includes 21st Century Learning Expectations (NEASC Standard)
- Develop and Implement a plan for the regular review, evaluation, and revision of the curriculum (NEASC Standard)
- Revise the school-wide rubrics to assess the 21st Century Learning Expectations (NEASC Standard)
- Provide targeted support for standardized assessments (MCAS, SAT)
- Assess support structures for special education students
- Recognize student successes

Excellence in the Classroom

- Provide teachers with five half-day professional development sessions for collaboration for the purpose of improving teaching and learning (NEASC Standard)
- Increase opportunities for teachers to have professional discourse
 - Colleague Roundtable Discussions
 - Teacher "Choice" Collaboration Time
- Increase colleague teacher observations and follow-up discussions
 - On-site Learning Walks
 - Focus on Student Engagement

Collaborative Relationships and Communication

- Increase communication between Milton High School and the community
 - Milton High Happenings - an online newsletter highlighting student, department, and school achievements
 - MHS_Tweets twitter account - short news bursts about MHS events
 - Naviance - college planning
 - Edline /Email Blasts/Phone Alert & Local Media
- Continue to develop community partnerships
 - Milton Academy, O'Bryant School of Math & Science - Axis of Hope
 - Fontbonne Academy - Romeo and Juliet
 - French Consulate - Francophonie Event
 - Calculus Project Proposal
 - Boston College - pre-practicum and full practicum students
 - Norfolk County District Attorney's Office - school safety
 - School-to-Careers Partnership - connections with business community and legislative leaders

Respect for Human Differences

- Further develop opportunities for students through the Diversity Committee
 - School-wide Martin Luther King Jr. Day activities - juniors
 - Creation of multicultural mural in the main lobby
 - Student led forum to talk about school culture and human differences
- Continue educating students and families about good decision making and adolescent well-being
 - Chris Herren Student and Community Presentations
 - "Dirt" production
 - Biology curriculum revision which includes a unit on substance abuse
 - Teen Safe Initiative with Dr. Knight
- Analyze and continue to develop the advisory program (NEASC Standard)
- Implement anti-bullying curriculum

Risk Taking and Innovation for Education

- Increase opportunities for students to think critically
 - Biograph (Ms. Tom's Biology classes) - National Science Foundation funded, multi-year research study designed to improve introductory biology learning
 - Debate
 - Mock Trial
 - Speech
 - Robotics
 - Senior Project
- Continue to provide specialized programming to support students
 - Alternative Program
 - Student Support Team
 - SAT & MCAS Preparation
 - AP Information Night

Other Items that the MHS Site Council is Reviewing:

Milton High School Student Handbook Policies:

- Technology Policy – cell phones and use of other electronic devices
- Dress Code
- Attendance and Tardy Policy

MHS Highlights

- MHS LifeSmarts team won the state LifeSmarts tournament, they will head to Nationals in Atlanta (This is the 2nd year in a row that they qualified for Nationals!)
- MHS Robotics Team hosted a statewide robotics competition
- Upcoming: Relay for Life (American Cancer Society), May 18, 2013 - Senior Project
- MHS hosted State Debate Tournament; one of our teams finished 2nd in the state
- Music –37 MHS students were selected for Senior SEMSBA, one student selected for Eastern Division Honors Music Festival, Gary Good selected as festival conductor for Senior SEMSBA
- Community building through clubs, activities and sports
- Art – Boston Globe Scholastic Art Award Winners - 4 students received a Gold Key, 5 received a Silver Key, and 9 students received Honorable Mention
- College Acceptances

End of Slideshow