

Academic Achievement: A Snapshot of Mineola High School

Mineola High School

Presentation to the Board of Education

September 6, 2012



Rationale

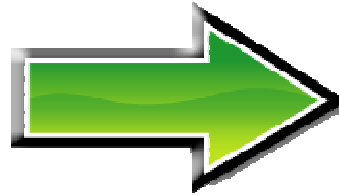
- Increase academic achievement across all content areas
- Use common formative assessments to evaluate educator effectiveness
- Use results to guide instructional planning and delivery
- Provide opportunities for students to develop a passion for content

Student Learning Objectives

- Rigorous academic goals for each teacher's students
- Specific for each class
- Ability to show measurable growth and achievement
- Aligned to Common Core, State or National standards

ELA

- **Grades 8 and 9:**



- **NWEA**

- Data from reports identify skills needs of students.
- Assignments/texts are modified and differentiated to address these needs, including the use of Castle Learning.

- **Grades 9, 10 and 11:**



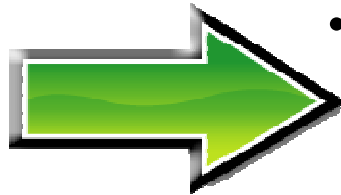
- **Other Baseline Information**

- Read literary passages linked by a common theme with multiple-choice and constructed-response questions.
- Collect a writing sample.
- Data is analyzed to determine needs in areas of reading comprehension, writing, and analyzing the use of literary elements in a text.

Areas of focus include close and careful reading of texts of increasing complexity and using text-based evidence in developing responses.

Math, Science & Social Studies

- **All Classes:**



- **Pre / Post Assessments for selected units of study**
 - Growth Measured Pre to Post
 - Specific Remedial Instruction provided where there are content deficiencies
 - Summative Assessments determine effectiveness of remediation

• **Pre-Assessments used to establish baseline data**

• **Mid-terms or Final Exams**

• **Regents Exams**

Regents Five-Year Score Summary

ENGLISH REGENTS RESULTS

	% 65 - 84	% 85 & Above	% Passing
2007 - 2008	38	53	91%
2008 - 2009	51	43	94%
2009 - 2010	54	33	87%
2010 - 2011	52	41	93%
2011 - 2012	38	53	91%

ASPIRATIONAL GOAL > 75%

	Total	≥ 75%
2011-2012	216	75%

Regents Five-Year Score Summary

INTEGRATED ALGEBRA REGENTS RESULTS

	% 65 - 84	% 85 & Above	% Passing
2007 - 2008	72	10	82
2008 - 2009	73.3	12.1	85.4
2009 - 2010	74	14	88
2010 - 2011	72	12	84
2011 – 2012	66.8	21.4	88

ASPIRATIONAL GOAL $\geq 80\%$

	Total	$\geq 80\%$
2011-2012	348	45%

9th Grade – 91% Passing Rate

8th Grade – 86% Passing Rate

Regents Five-Year Score Summary

GEOMETRY REGENTS RESULTS

	% 65 - 84	% 85 & Above	% Passing
2008 - 2009	64.25	23	87.2
2009 - 2010	54	38	92
2010 - 2011	62	33	95
2011 - 2012	62.2	36	98.2

ALGEBRA 2 / TRIG REGENTS RESULTS

	% 65 - 84	% 85 & Above	% Passing
2009 - 2010	48	34	82
2010 - 2011	39	47	86
2011 - 2012	42	52	94

Regents Five-Year Score Summary

UNITED STATES HISTORY REGENTS RESULTS

	% 65 - 84	% 85 & Above	% Passing
2007 - 2008	21	78	99%
2008 - 2009	37	60	97%
2009 - 2010	32	65	97%
2010 - 2011	38	58	96%
2011 - 2012	27	69	96%

GLOBAL HISTORY & GEOGRAPHY REGENTS RESULTS

	% 65 - 84	% 85 & Above	% Passing
2007 - 2008	43	47	91%
2008 - 2009	45	48	92%
2009 - 2010	37	53	86%
2010 - 2011	40	43	84%
2011 - 2012	45	47	92%

Regents Five-Year Score Summary

LIVING ENVIRONMENT REGENTS RESULTS

	% 65 - 84	% 85 & Above	% Passing
2007 - 2008	44	37	81
2008 - 2009	50	38	88
2009 - 2010	47	41	88
2010 - 2011	43	47	90
2011 - 2012	11	82	93

EARTH SCIENCE REGENTS RESULTS

	% 65 - 84	% 85 & Above	% Passing
2007 - 2008	58	18	76%
2008 - 2009	61	20	81
2009 - 2010	65	19	84
2010 - 2011	64	26	90
2011 - 2012	44	38	82

Regents Five-Year Score Summary

CHEMISTRY REGENTS RESULTS

	% 65 - 84	% 85 & Above	% Passing
2007 - 2008	79	17	96
2008 - 2009	59	36	95
2009 - 2010	63	28	94
2010 - 2011	54	42	96
2011 - 2012	73	24	97

PHYSICS REGENTS RESULTS

	% 65 - 84	% 85 & Above	% Passing
2007 - 2008	63	14	77
2008 - 2009	47	22	69
2009 - 2010	50	9	60
2010 - 2011	55	29	84
2011 - 2012	29	20	49

Mineola High School Diploma Rate

Year of Graduation	Advanced Regents Diploma		Regents Diploma (Including Advanced)	
2008	65%	121	92%	170
2009	65%	118	94%	171
2010	65%	117	94%	171
2011	54.5%	109	89%	177
2012	63.6%	131	93.7%	193

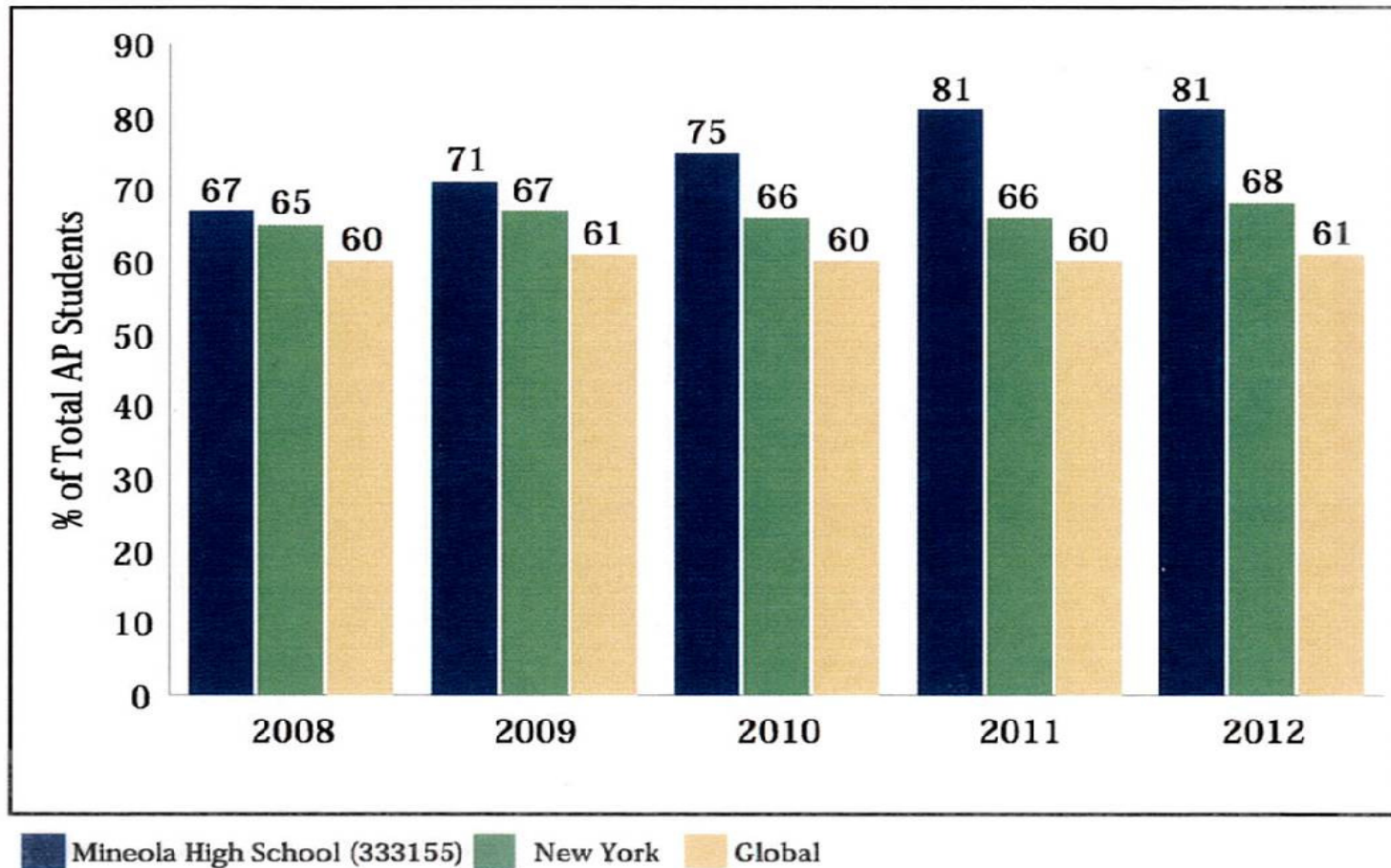
AP Program

- Enriches the curriculum
- Offers 15 AP courses
- Latest trends:
 - Emphasis on conceptual learning in Math, Science & Social Studies
- Weighs AP grades more heavily than others
- Open-door Policy for admission

AP Five-Year Score Summary

Mineola High School (333155)

% of Total AP Students with Scores 3+



AP Five-Year Score Summary

Biology	2008	2009	2010	2011	2012
5	5	2	5	6	6
4	4	1	6	8	3
3	2	8	3	3	7
2	4	5	1	2	3
1	1	5		1	3
Total Exams	16	21	15	20	22
Mean Score	3.50	2.52	4.00	3.80	3.27

Calculus AB	2008	2009	2010	2011	2012
5		1			5
4	1	3	2	5	8
3	8	4	6	6	5
2	7	4	10	3	7
1	6	2	4	7	4
Total Exams	22	14	22	21	29
Mean Score	2.18	2.79	2.27	2.43	3.10

Calculus BC	2008	2009	2010	2011	2012
5	5	7	7	8	9
4	3	4	4	6	6
3	8	4	7	5	6
2	3	3	2	1	2
1	8	1	3	5	4
Total Exams	27	19	23	25	27
Mean Score	2.78	3.68	3.43	3.44	3.52

Chemistry	2008	2009	2010	2011	2012
5	3		5		
4	1		8		6
3	2		2		12
2	5		6		6
1	4		1		1
Total Exams	15		22		25
Mean Score	2.60		3.45		2.92

AP Five-Year Score Summary

English Comp	2008	2009	2010	2011	2012
5	3	3	9	5	8
4	4	12	5	13	14
3	22	14	17	16	16
2	9	12	11	4	8
1					
Total Exams	38	41	42	38	46
Mean Score	3.03	3.15	3.29	3.50	3.48

English Lit	2008	2009	2010	2011	2012
5	1		2	6	1
4	6	3	9	8	6
3	3	3	5	8	6
2	4	1	1		3
1					
Total Exams	14	7	17	22	16
Mean Score	3.29	3.29	3.71	3.91	3.31

Env. Science	2008	2009	2010	2011	2012
5		1		7	3
4		3		16	7
3		9		12	5
2		6		11	8
1		5		1	1
Total Exams		24		47	24
Mean Score		2.54		3.36	3.13

Statistics	2008	2009	2010	2011	2012
5	3	2	3	2	2
4	5	8	3	10	5
3	5	9	8	7	6
2	6	5	7	5	10
1		1	3	2	
Total Exams	19	25	24	26	23
Mean Score	3.26	3.20	2.83	3.19	2.96

AP Five-Year Score Summary

US Gov & Pol	2008	2009	2010	2011	2012
5	2	2	3	4	5
4	3	4	5	3	8
3	6	7	4	15	15
2	4	5	2	7	8
1	2	2	1	1	1
Total Exams	17	20	15	30	37
Mean Score	2.94	2.95	3.47	3.07	3.22

US History	2008	2009	2010	2011	2012
5	2	6	7	4	9
4	9	11	9	17	15
3	14	8	17	13	13
2	11	11	18	9	10
1	2	2	5	1	1
Total Exams	38	38	56	44	48
Mean Score	2.95	3.21	2.91	3.32	3.44

European Hist	2008	2009	2010	2011	2012
5		6	1	2	
4	2	3	2	5	2
3	9	6	9	6	11
2	3	4	3	1	3
1	13	1			4
Total Exams	27	20	15	14	20
Mean Score	2.00	3.45	3.07	3.57	2.55

Physics B	2008	2009	2010	2011	2012
5		2	1		2
4	2	4	1	1	4
3	2	6	7	9	12
2	2	4	4	5	5
1	4	8	3	4	3
Total Exams	10	24	16	19	26
Mean Score	2.20	2.50	2.56	2.37	2.88

AP Five-Year Score Summary

Spanish Lang	2008	2009	2010	2011	2012
5		1		5	3
4	2	3	4	1	3
3	4	3	5	3	4
2	1	4	2	2	4
1			2	2	
Total Exams	7	11	13	13	14
Mean Score	3.14	3.09	2.85	3.38	3.36

World History	2008	2009	2010	2011	2012
5	2	1	4	5	1
4	5	2	7	7	6
3	11	13	6	4	10
2	4	8		3	2
1	3	1			
Total Exams	25	25	17	19	19
Mean Score	2.96	2.76	3.88	3.74	3.32

Future

- PARCC – Partnership for Assessment of Readiness for College & Career aligned to Common Core Standards
- Develop a common set of assessments for English & Math
- Using technology to enhance computer-based assessment