



Dedham Public Schools

Home of America's first tax supported, free public school

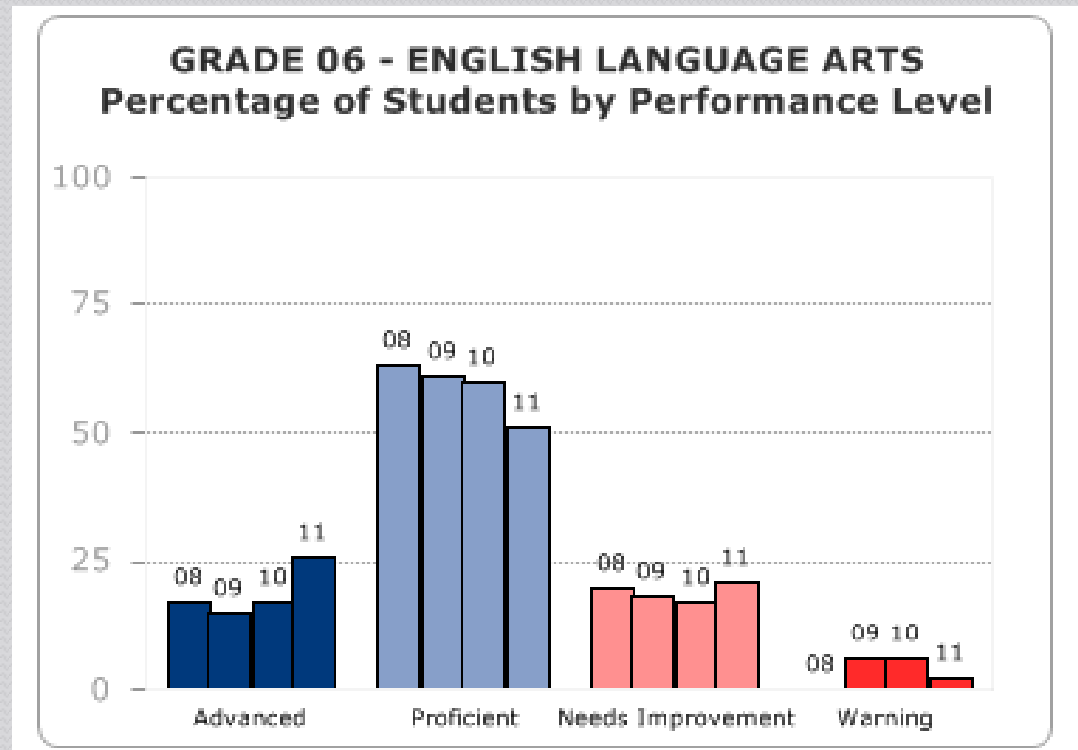
Spring 2011 MCAS Results

Dedham Middle School



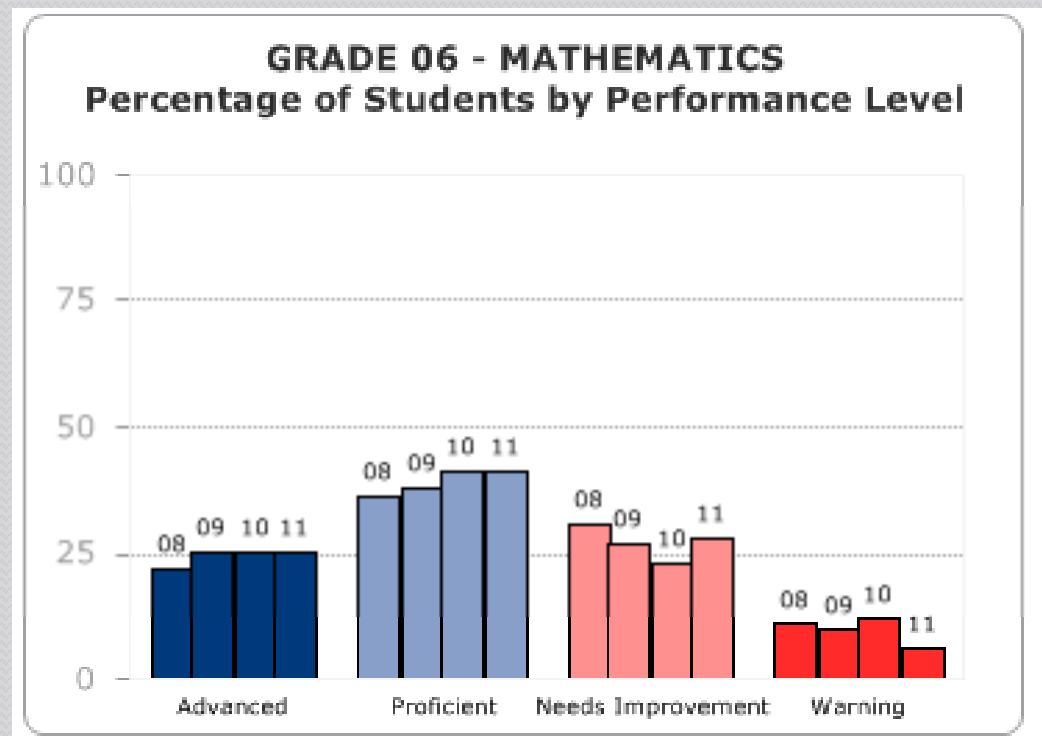
Grade 6 English Language Arts

GRADE 06 - ENGLISH LANGUAGE ARTS				
PERFORMANCE LEVEL	2008	2009	2010	2011
ADVANCED	17	15	17	26
PROFICIENT	63	61	60	51
NEEDS IMPROVEMENT	20	18	17	21
WARNING	0	6	6	2



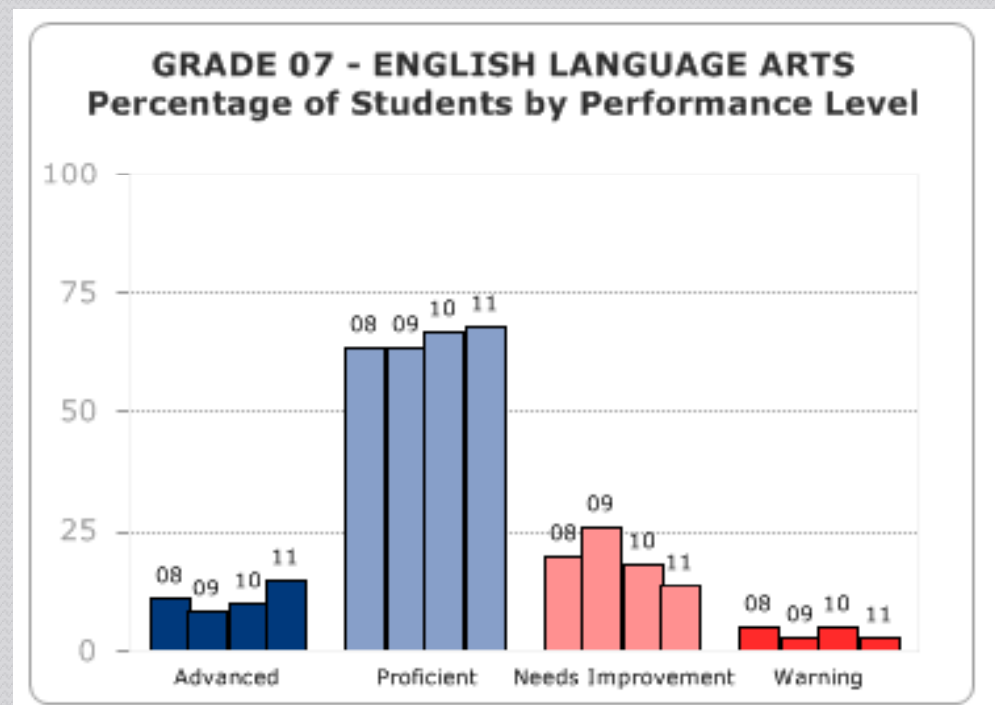
Grade 6 Mathematics

GRADE 06 - MATHEMATICS				
PERFORMANCE LEVEL	2008	2009	2010	2011
ADVANCED	22	25	25	25
PROFICIENT	36	38	41	41
NEEDS IMPROVEMENT	31	27	23	28
WARNING	11	10	12	6



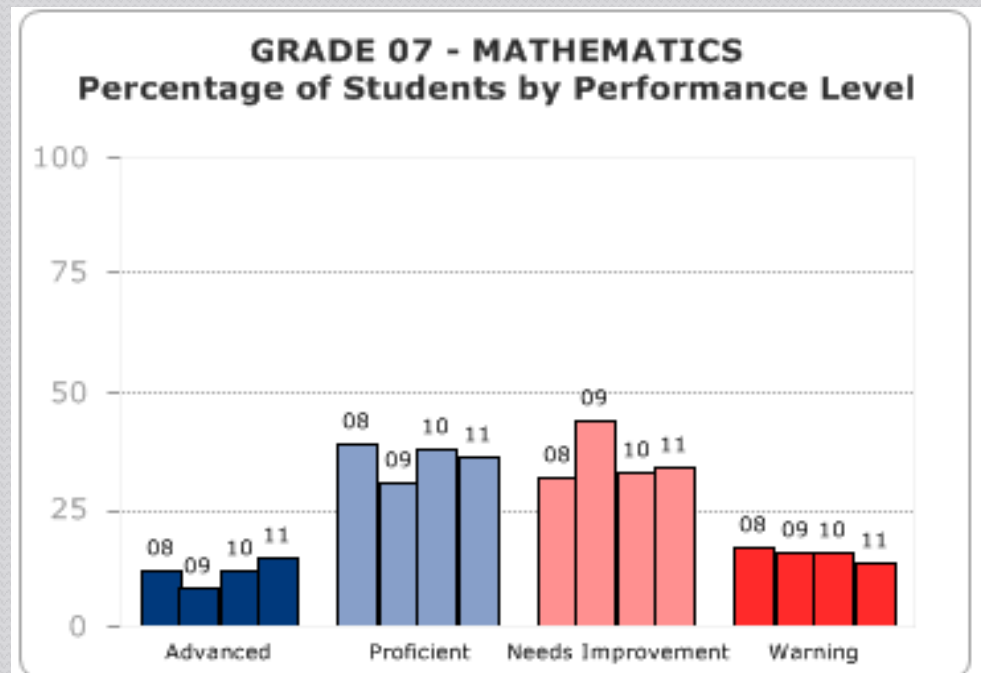
Grade 7 English Language Arts

GRADE 07 - ENGLISH LANGUAGE ARTS				
PERFORMANCE LEVEL	2008	2009	2010	2011
ADVANCED	11	8	10	15
PROFICIENT	64	64	67	68
NEEDS IMPROVEMENT	20	26	18	14
WARNING	5	3	5	3



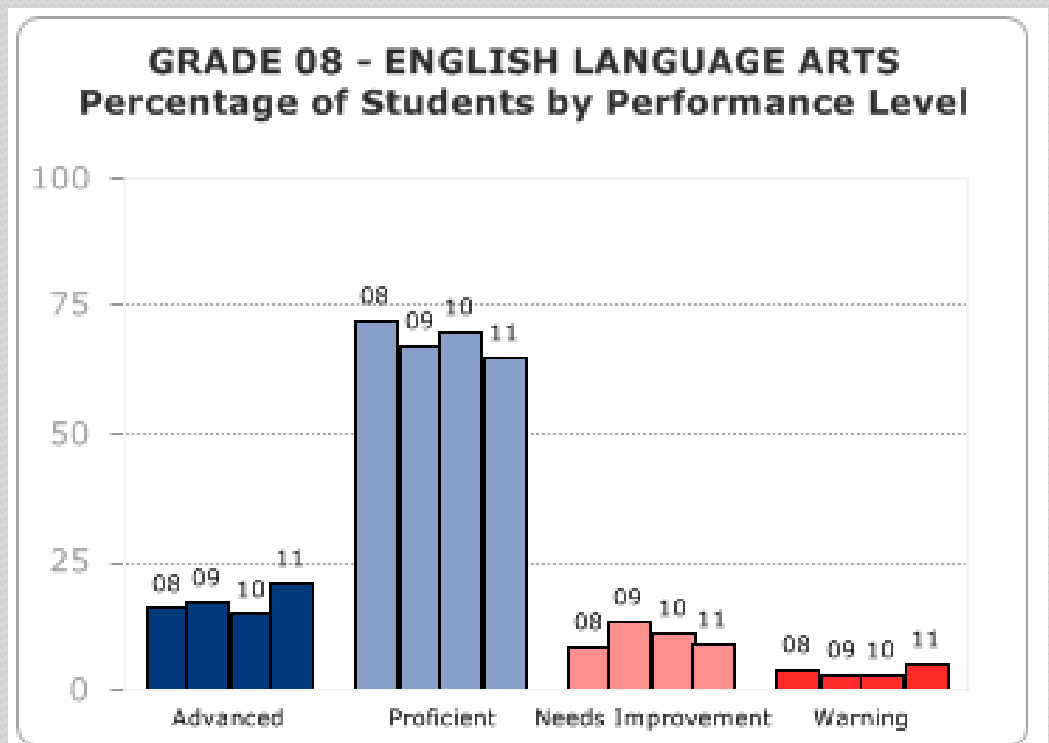
Grade 7 Mathematics

GRADE 07 - MATHEMATICS				
PERFORMANCE LEVEL	2008	2009	2010	2011
ADVANCED	12	8	12	15
PROFICIENT	39	31	38	36
NEEDS IMPROVEMENT	32	44	33	34
WARNING	17	16	16	14



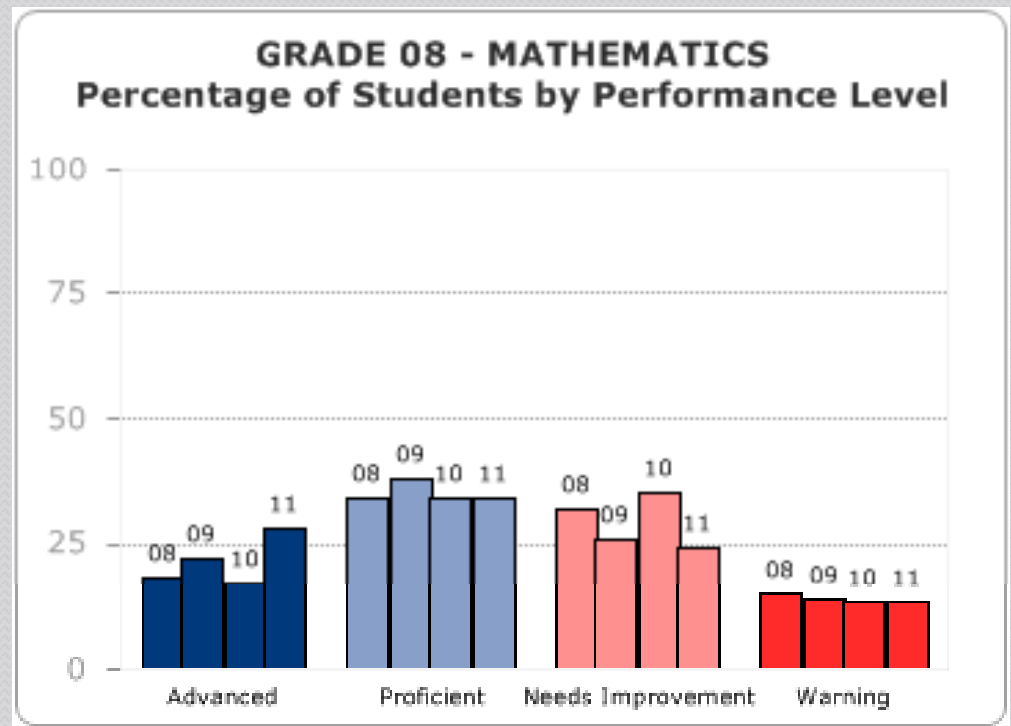
Grade 8 English Language Arts

GRADE 08 - ENGLISH LANGUAGE ARTS				
PERFORMANCE LEVEL	2008	2009	2010	2011
ADVANCED	16	17	15	21
PROFICIENT	72	67	70	65
NEEDS IMPROVEMENT	8	13	11	9
WARNING	4	3	3	5



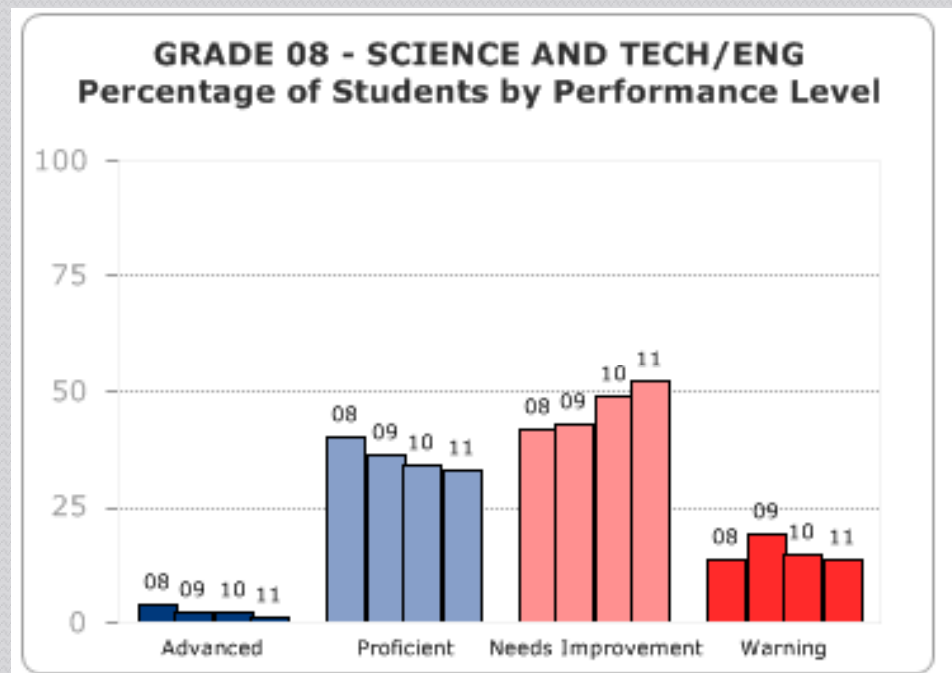
Grade 8 Mathematics

GRADE 08 - MATHEMATICS				
PERFORMANCE LEVEL	2008	2009	2010	2011
ADVANCED	18	22	17	28
PROFICIENT	34	38	34	34
NEEDS IMPROVEMENT	32	26	35	24
WARNING	15	14	13	13



Grade 8 Science and Technology

GRADE 08 - SCIENCE AND TECH/ENG				
PERFORMANCE LEVEL	2008	2009	2010	2011
ADVANCED	4	2	2	1
PROFICIENT	40	36	34	33
NEEDS IMPROVEMENT	42	43	49	52
WARNING	14	19	15	14





Middle School Action Plan 2011-2012

- Continue the after school MCAS tutorial program on Thursdays beginning September 29, 2011.
- Extend the in-school MCAS tutorial classes to begin in term 2.


Middle School Action Plan 2011-2012

- Create more level 1(accelerated) in grades 6, 7 & 8 to provide greater access to a more rigorous math curriculum.
 - Grade 6 – Schedules were realigned to create 3 sections of accelerated math on each team (previously there were 2).
 - Grade 7 – Schedules were realigned to create 5 sections of pre-algebra (previously there were 3).
 - Grade 8 – There are 3 sections of algebra offered in grade 8.



Middle School Action Plan 2011-2012

- Create a 7th grade non pre-algebra math program that is a mix of the current program and pre-algebra in order to prepare all grade 7 students for algebra in grade 8.
- Bring the district math coach to support middle school math teachers as they improve their practices and incorporate new curriculum.
- Reduce class sizes in order to support our special education students in math and English.



Middle School Action Plan 2011-2012

- Increase the ELL teacher at the middle school to full time to support our second language students.
- Continue to use the “Writing with Colors” program in ELA.
- Continue to use “Light Up the Problem” program in math.



Middle School Action Plan 2011-2012

- Analyze the data from ELA Acuity testing and Math Acuity testing during middle school professional development early release days.
- Create more interdisciplinary opportunities for students to explore the areas of weakness identified on the ELA MCAS exam.



Middle School Action Plan 2012-2013

- All grade 7 students will take pre-algebra at either an accelerated or regular pace.
- All grade 8 students will take algebra at either an accelerated or regular pace.
- All ELA and math teachers will meet and ensure that the math & ELA program 5-8 is aligned with the common core standards for English Language Arts and math.



Middle School Action Plan

- Develop and pilot new two new technology/engineering units (grade 7 and grade 8) that incorporate the design process as well as use of basic hand tools.
- Augment the science curriculum in 8th grade to stress conservation of mass and heat transfer.
- Expand Science Scene to include more students.



Middle School Action Plan

- **Science Scene** –

35 students came to at least one of the three sessions that were held after school. Most came to more than one. The students were mixed as far as how they were doing in science. Every science teacher participated on his or her 'review day'.

The students scored as follows:

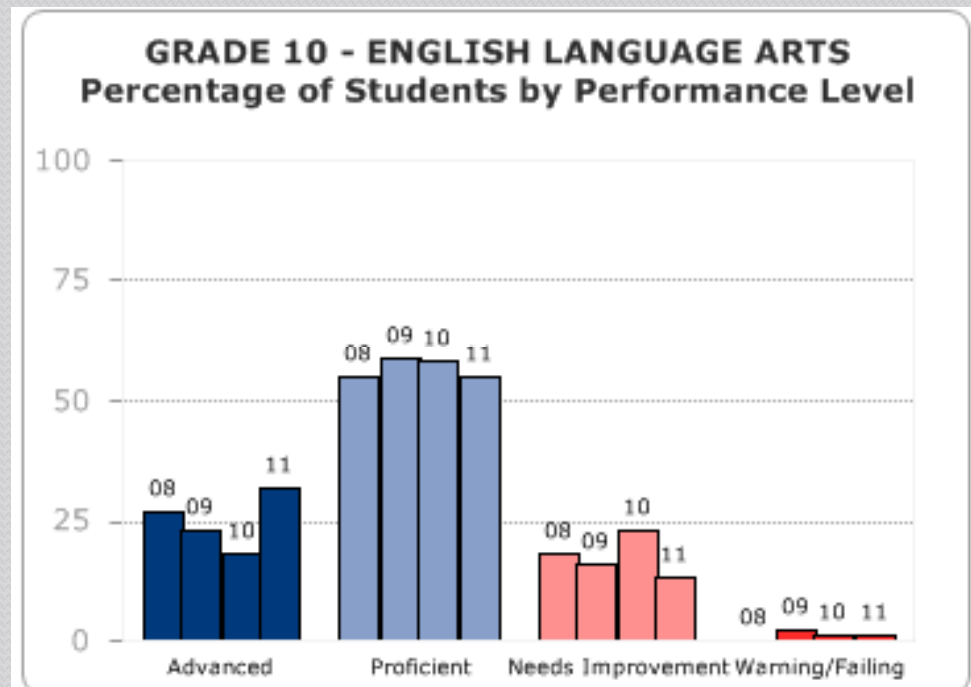
- Advanced 5%
- Proficient 60%
- Needs Improvement 31%
- Warning 2%

Dedham High School



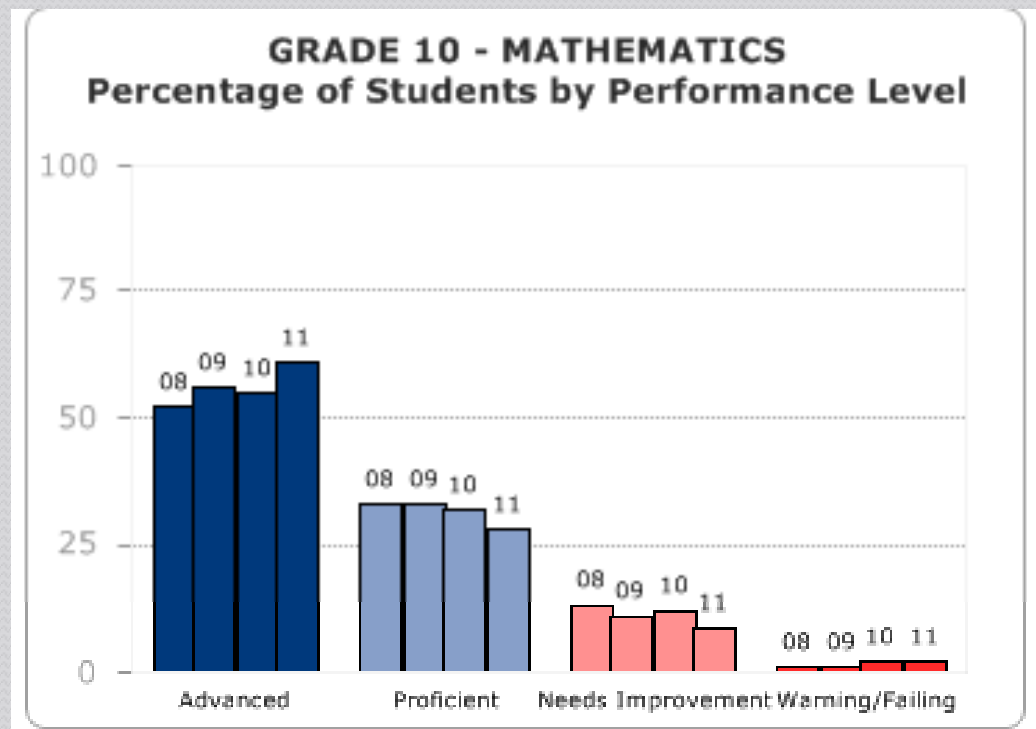
Grade 10 English Language Arts

GRADE 10 - ENGLISH LANGUAGE ARTS				
PERFORMANCE LEVEL	2008	2009	2010	2011
ADVANCED	27	23	18	32
PROFICIENT	55	59	58	55
NEEDS IMPROVEMENT	18	16	23	13
FAILING	0	2	1	1



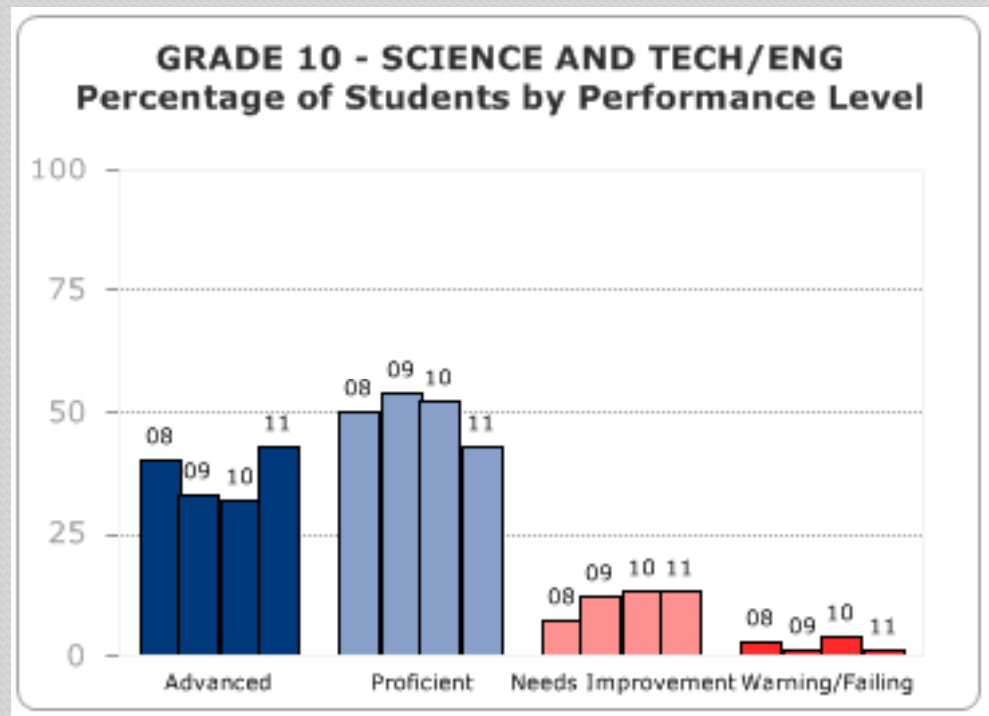
Grade 10 Mathematics

GRADE 10 - MATHEMATICS				
PERFORMANCE LEVEL	2008	2009	2010	2011
ADVANCED	52	56	55	61
PROFICIENT	33	33	32	28
NEEDS IMPROVEMENT	13	11	12	9
FAILING	1	1	2	2



Grade 10 Science and Technology

GRADE 10 - SCIENCE AND TECH/ENG				
PERFORMANCE LEVEL	2008	2009	2010	2011
ADVANCED	40	33	32	43
PROFICIENT	50	54	52	43
NEEDS IMPROVEMENT	7	12	13	13
FAILING	3	1	4	1





High School Action Plan

- Examine all 8th grade data since the spring 2010 MCAS results and write Educational Proficiency Plans (EPPs) to address critical areas for students.
- Continue daily MCAS test taking strategies
- Develop school wide writing rubrics and use of common writing strategies across all disciplines
- Continue to integrate test-taking strategies in lessons and assessments



High School Action Plan

- Analyze previous MCAS results to identify students' strengths and challenges
- Analyze item analysis report summaries to identify areas to improve based on curriculum strands and standards
- Review sessions will be held before the biology retests in February and June test dates



High School Action Plan

- Biology teachers plan and revise curriculum based on the standards and any changes made in those standards.
- Teachers inform their practice by examining the released questions