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Marblehead Community Charter Public School

MCAS Scores

2007

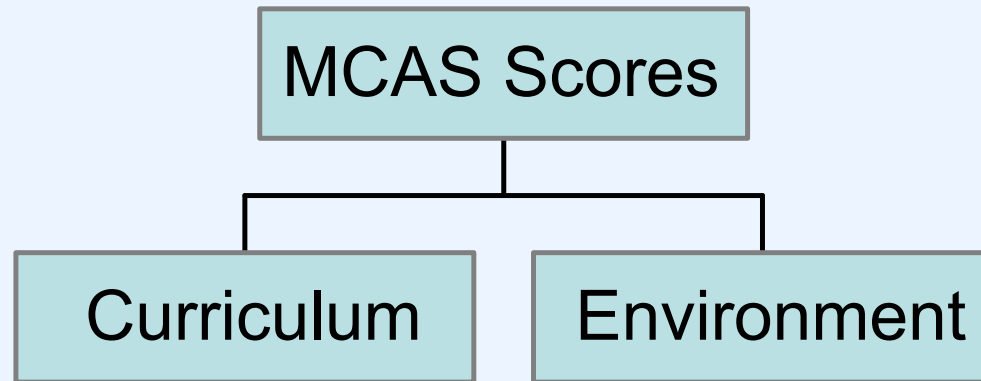
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MCCPS Curriculum

- Standard Driven
- Student Centered School Structure
- Qualified & Experienced Staff
- School Culture of Literacy

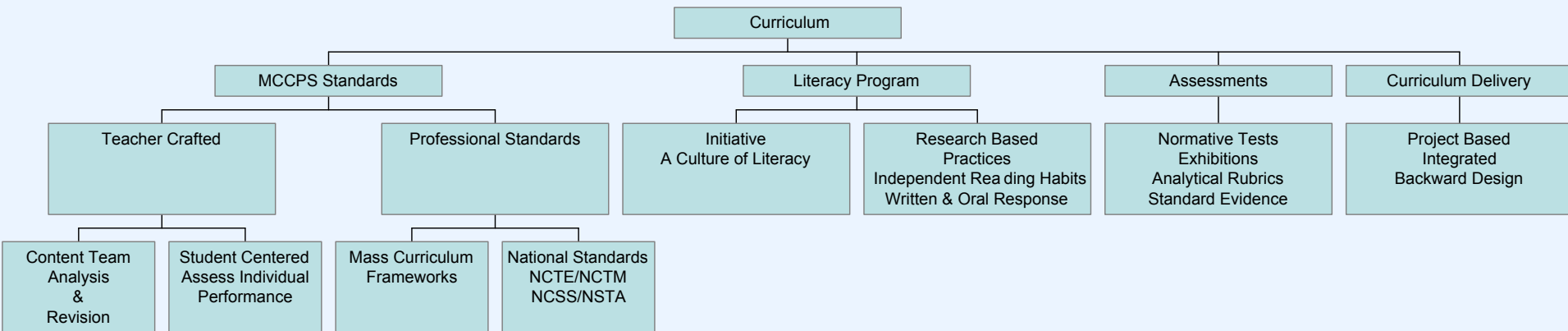
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Performance



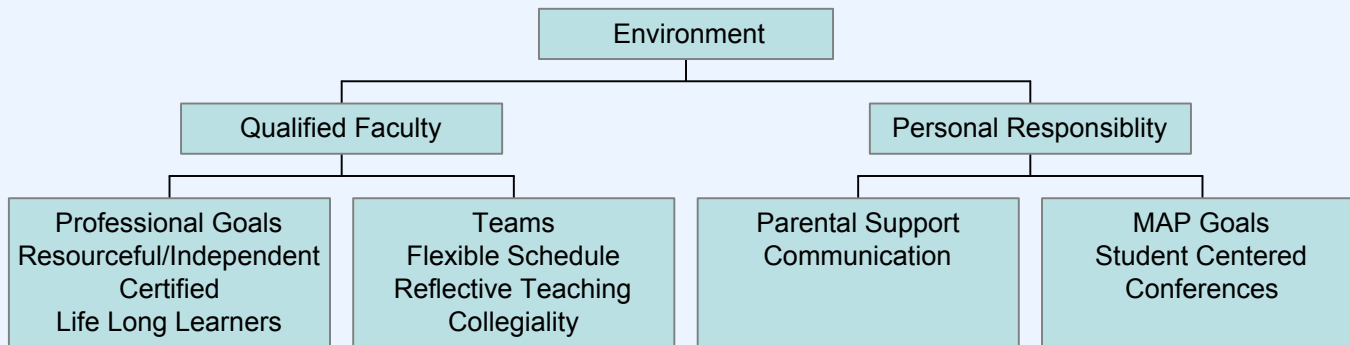
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Curriculum



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Innovative Environment



Basic Information on MCAS Scoring

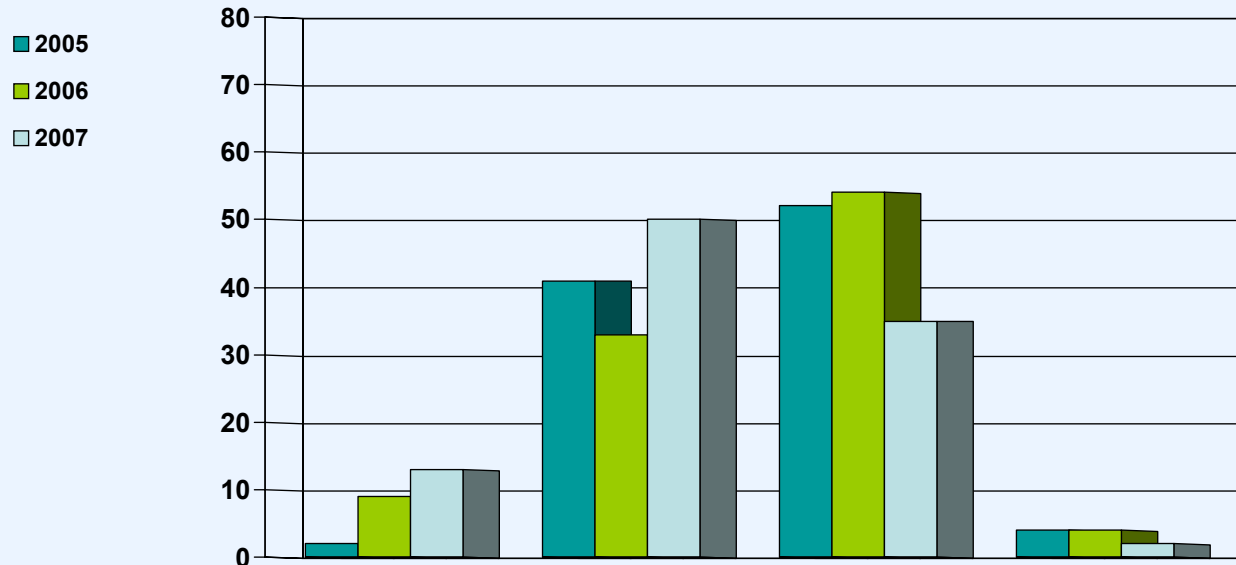
- There are four performance categories
 - Advanced
 - Proficient
 - Needs Improvement
 - Warning

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**The percentage of students in the
Advanced & Proficient categories
in Grade 4 English Language Arts
has reached 63% from a two year
mean of 42.5%. This is an increase
of 20.5%.**

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Grade 4 English Language Arts



	Advanced	Proficient	Needs Improvement	Warning
2005	2	41	52	4
2006	9	33	54	4
2007	13	50	35	2

- Advanced and Proficient
- 2005 43% 2006 42% 2007 63%

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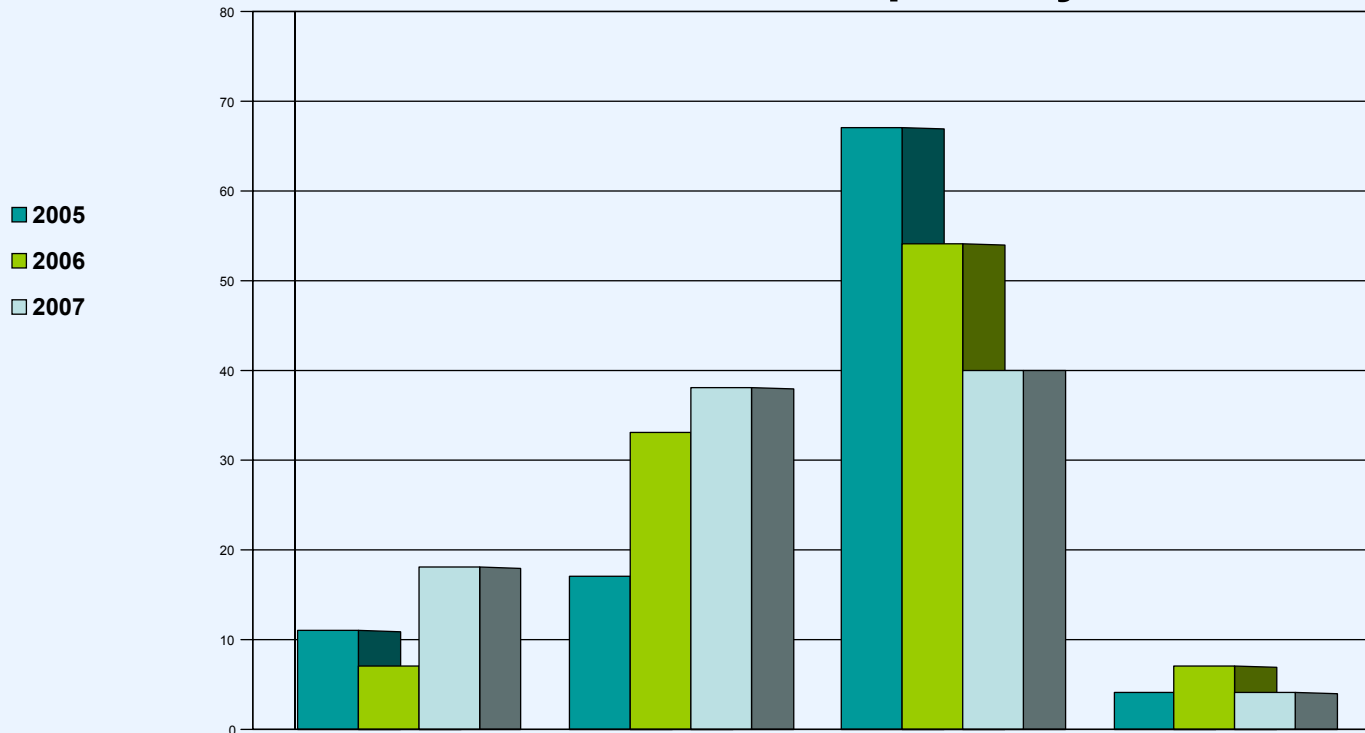
Grade 4 Math

The percent of Advanced and Proficient students has increased over the past three years. From 28% in 2005 to 56% in 2007.

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The percentage of students in the Advanced & Proficient categories in Grade 4 Mathematics has increased over the past 3 years.

Grade 4 Mathematics



	Advanced	Proficient	Needs Improvement	Warning
2005	11	17	67	4
2006	7	33	54	7
2007	18	38	40	4

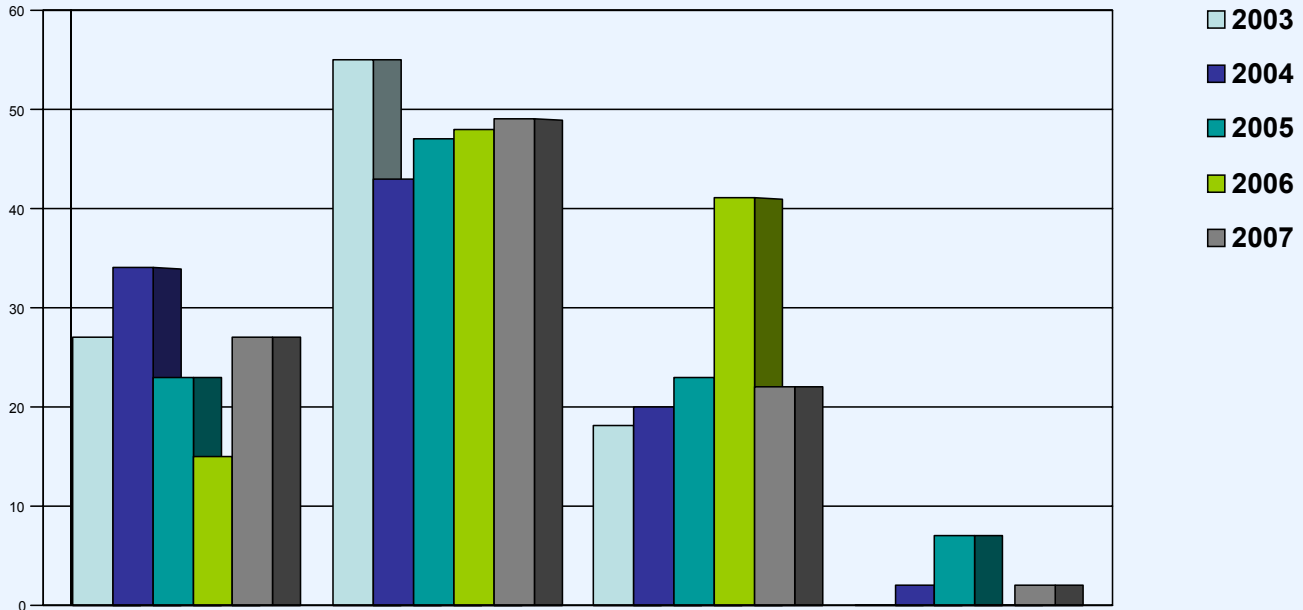
•Advanced and Proficient 2005 28% 2006 40% 2007 56%

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The percentage of students in the Advanced & Proficient categories in Grade 5 Science and Technology has increased over the past year by 13%.

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Grade 5 Science and Technology



	Advanced	Proficient	Needs Improvement	Warning
2003	27	55	18	0
2004	34	43	20	2
2005	23	47	23	7
2006	15	48	41	0
2007	27	49	22	2

•Advanced and Proficient

2003 82% 2004 77% 2005 70% 2006 63% 2007 76%

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Grade 5 Mathematics

***67% of the 5th grade students placed in
Advanced & Proficient in 2007 compared
to 41% in 2006.***

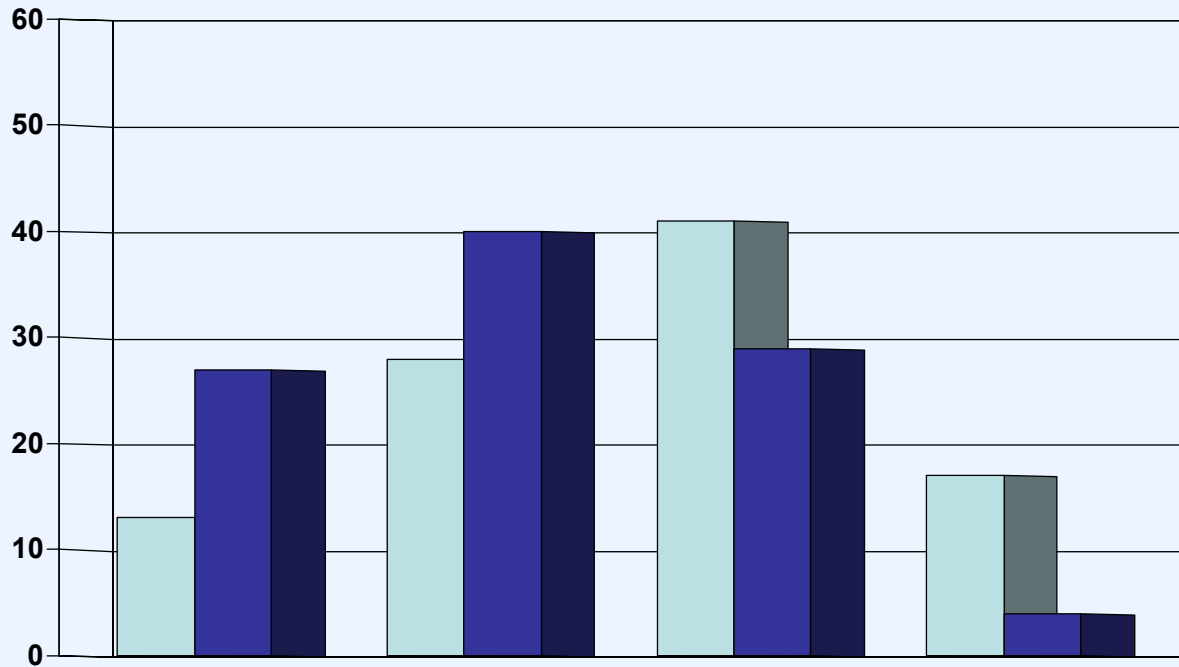
This is an increase of 26%.

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Grade 5 Mathematics

2006

2007



	Advanced	Proficient	Needs Improvement	Warning
2006	13	28	41	17
2007	27	40	29	4

•Advanced and Proficient

•2006 41% 2007 67%

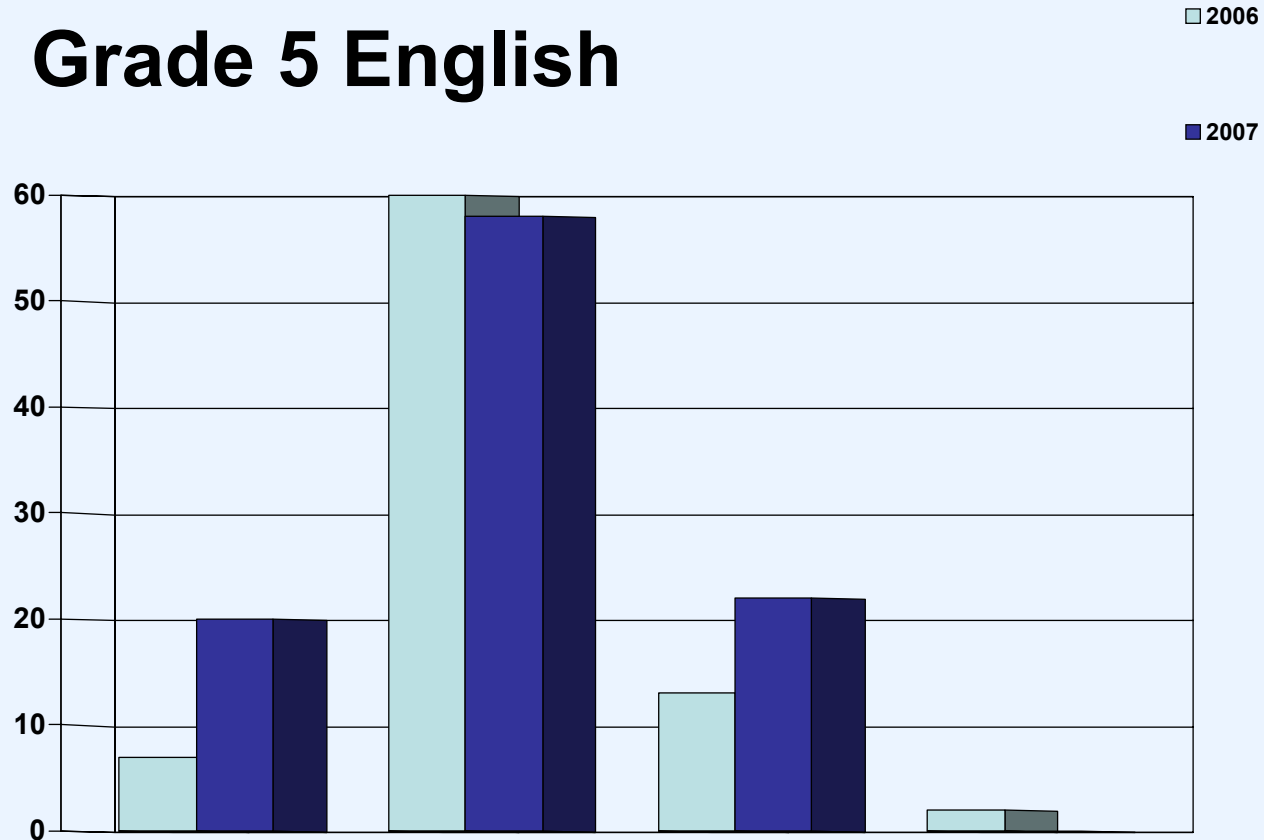
QuickTime™ and a
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Grade 5 English Language Arts

***No 5th grade student placed in
Warning and 78% of students placed in
Advanced and Proficient.***

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are needed to see this picture.

Grade 5 English



	Advanced	Proficient	Needs Improvement	Warning
2006	7	78	13	2
2007	20	58	22	0

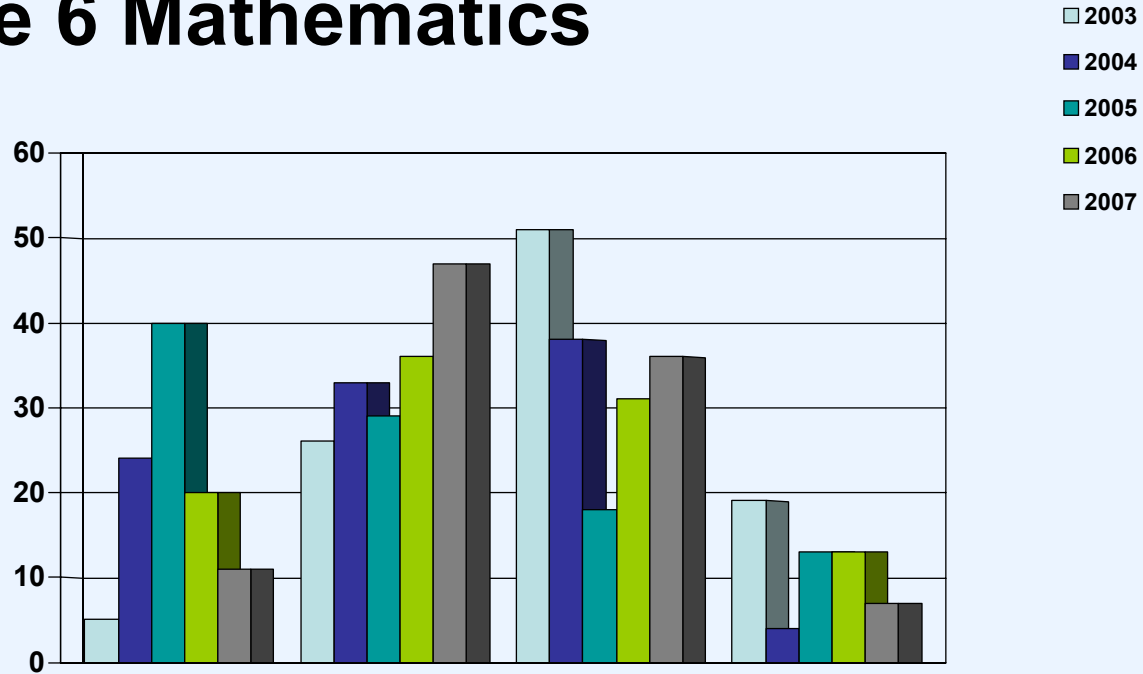
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Grade 6 Mathematics

93% of the 6th grade students passed

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are needed to see this picture.

Grade 6 Mathematics



	Advanced	Proficient	Needs Improvement	Warning
2003	5	26	51	19
2004	24	33	38	4
2005	40	29	18	13
2006	20	36	31	13
2007	11	47	36	7

•Advanced and Proficient

•2003 31% 2004 57% 2005 69% 2006 56% 2007 58%

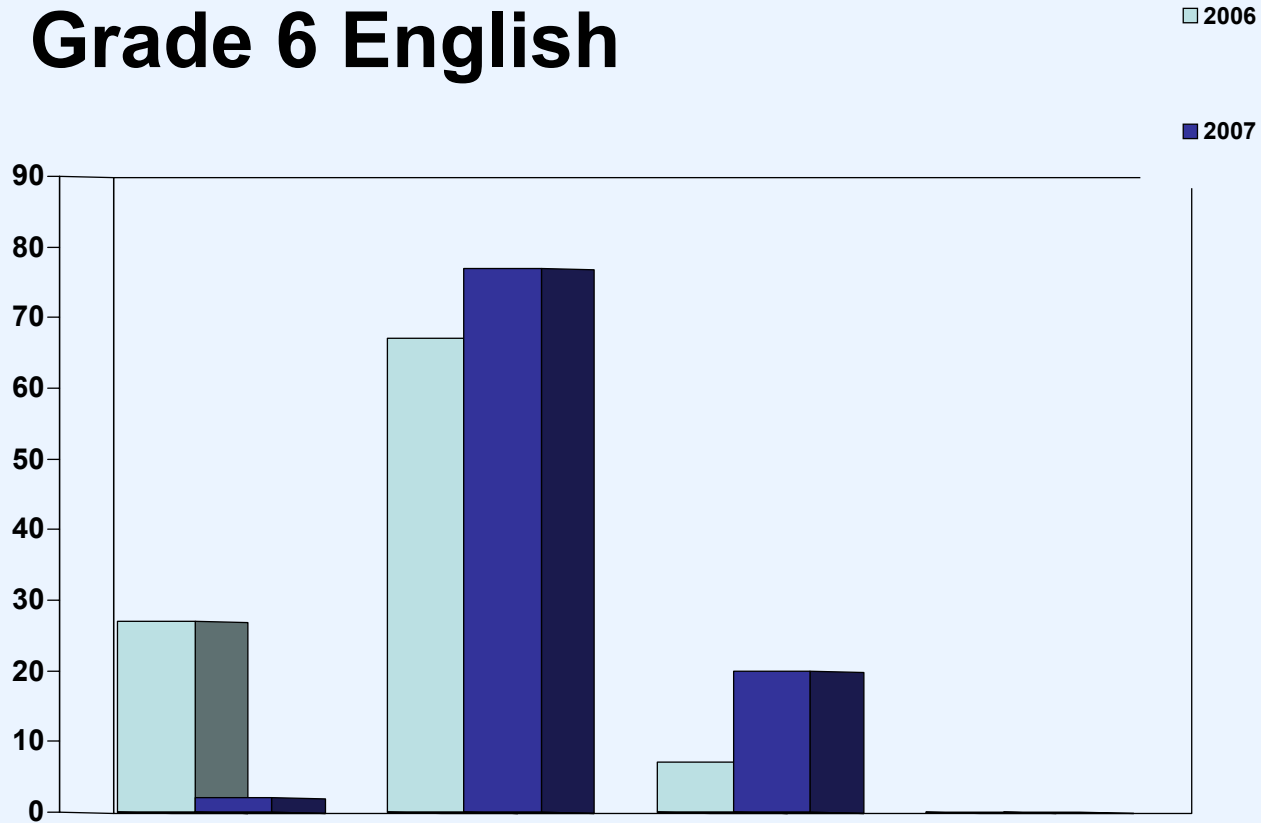
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Grade 6 English Language Arts

***No 6th grade student placed in
Warning and 79% of students placed in
Advanced and Proficient.***

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

Grade 6 English



	Advanced	Proficient	Needs Improvement	Warning
2006	27	67	7	0
2007	2	77	20	0

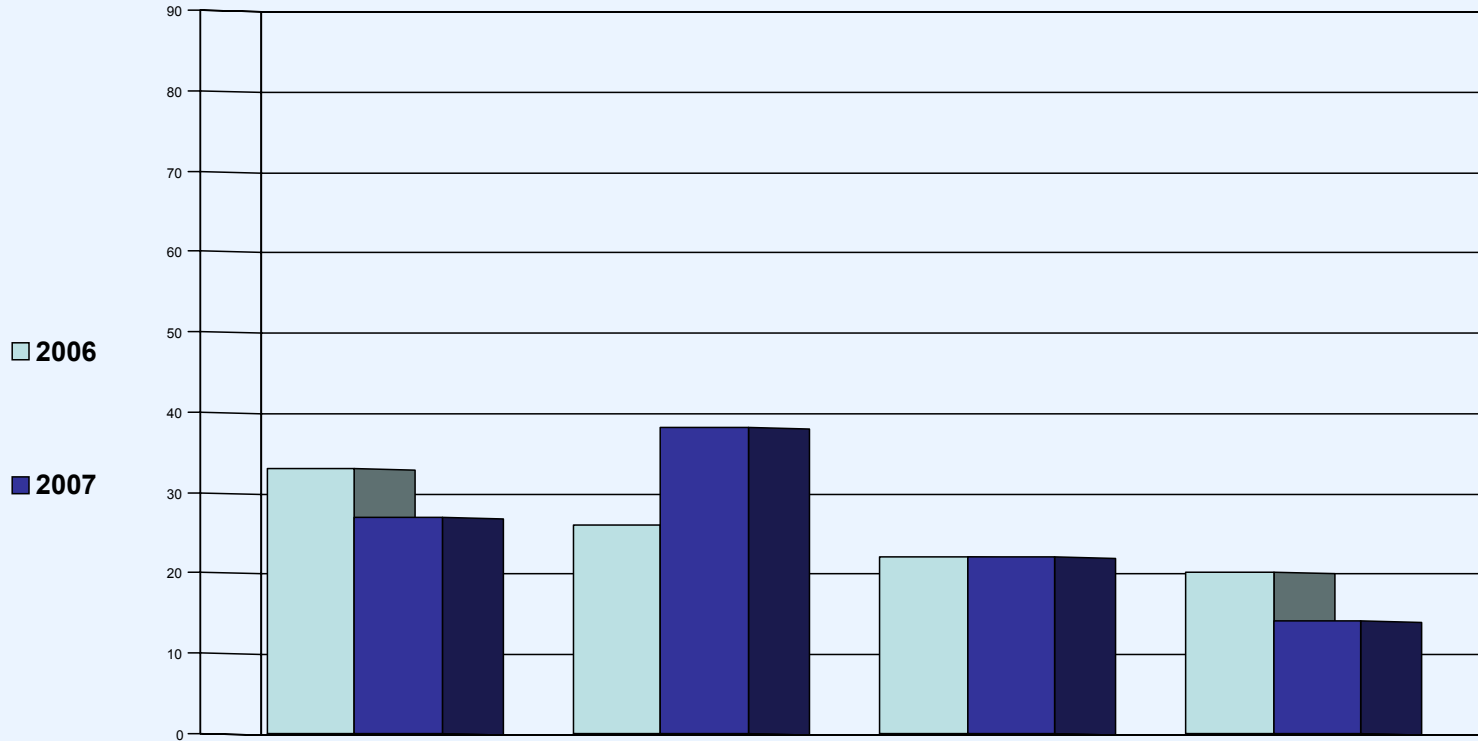
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Grade 7 Mathematics

***65% of the 7th grade students placed in
Advanced & Proficient.
This is up 6% from 2006.***

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

Grade 7 Math



	Advanced	Proficient	Needs Improvement	Warning
2006	33	26	22	20
2007	27	38	22	14

•Advanced 2006 33% 2007 27%

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TIFF (Uncompressed) decompressor
are needed to see this picture.

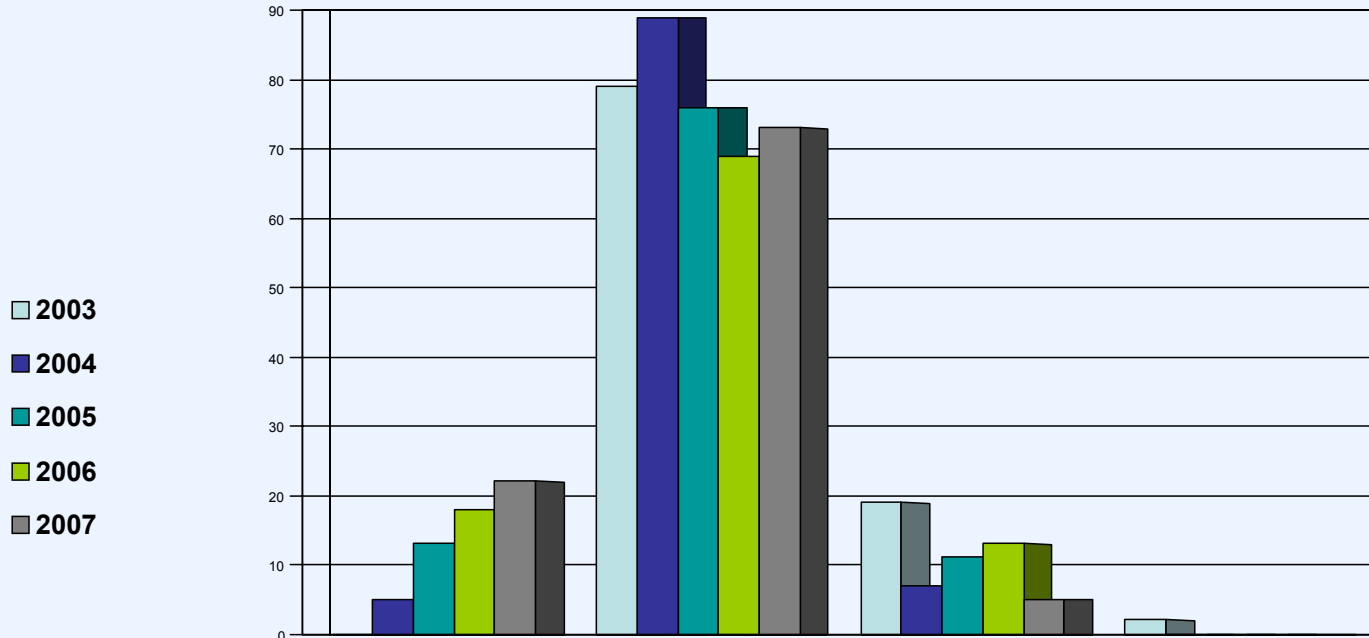
Grade 7 English Language Arts

***95 % of the 7th grade students placed in
Advanced & Proficient***

QuickTime™ and a
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are needed to see this picture.

Grade 7 English Language Arts

**No 7th grader placed
in the warning category
in the past 4 years.**



	Advanced	Proficient	Needs Improvement	Warning
2003	0	79	19	2
2004	5	89	7	0
2005	13	76	11	0
2006	18	69	13	0
2007	22	73	5	0

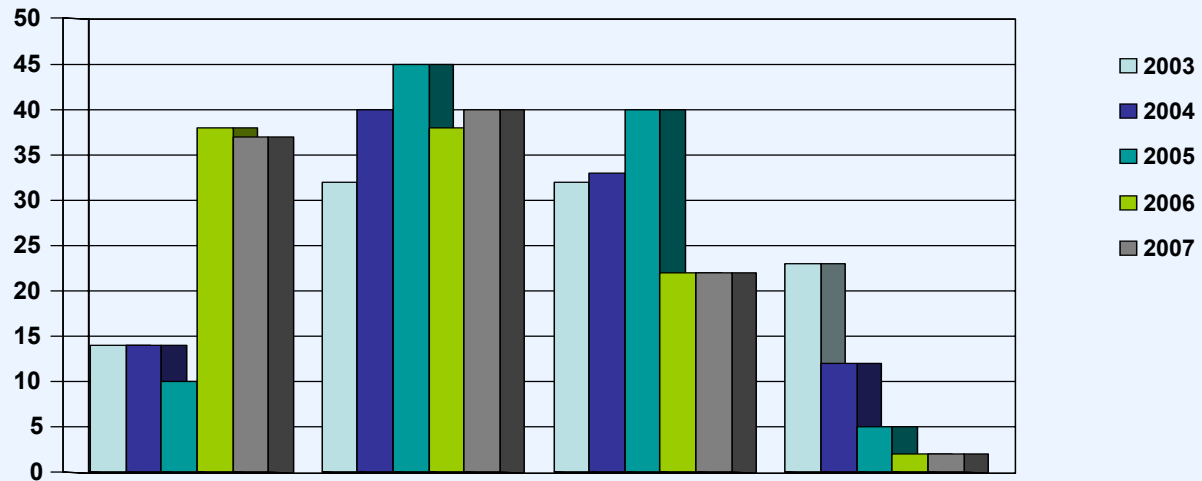
•Advanced 2003 0% 2004 5% 2005 13% 2006 18% 2007 22%

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The percentage of students in the Advanced & Proficient categories in Grade 8 Mathematics has remained strong.

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Grade 8 Mathematics



	Advanced	Proficient	Needs Improvement	Warning
2003	14	32	32	23
2004	14	40	33	12
2005	10	45	40	5
2006	38	38	22	2
2007	37	40	22	2

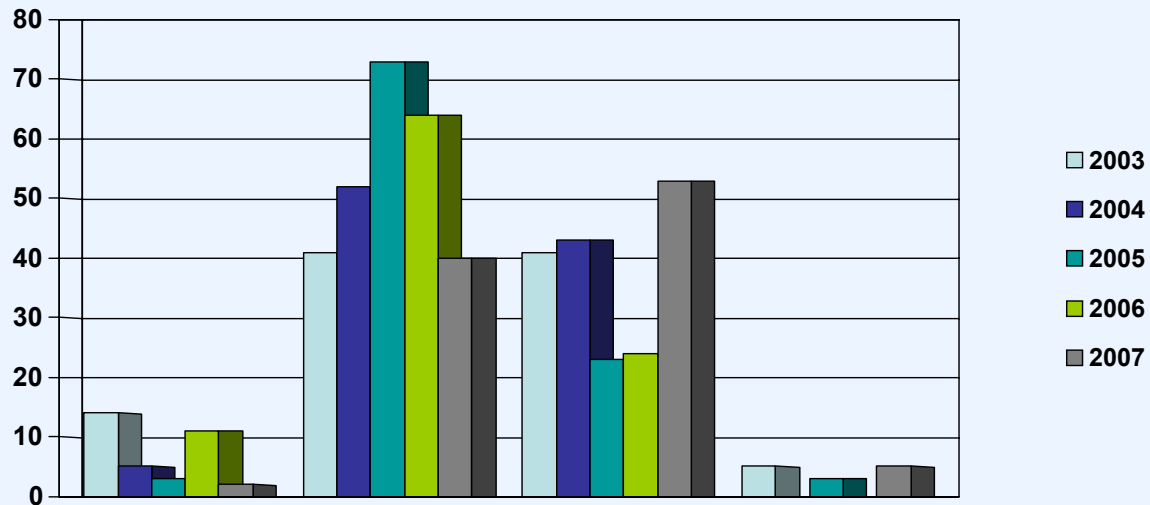
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Grade 8 Science

95% of students passed

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Grade 8 Science



	Advanced	Proficient	Needs Improvement	Warning
2003	14	41	41	5
2004	5	52	43	0
2005	3	73	23	3
2006	11	64	24	0
2007	2	40	53	5

Passing

2003 95% 2004 100% 2005 97% 2006 100% 2007 95%

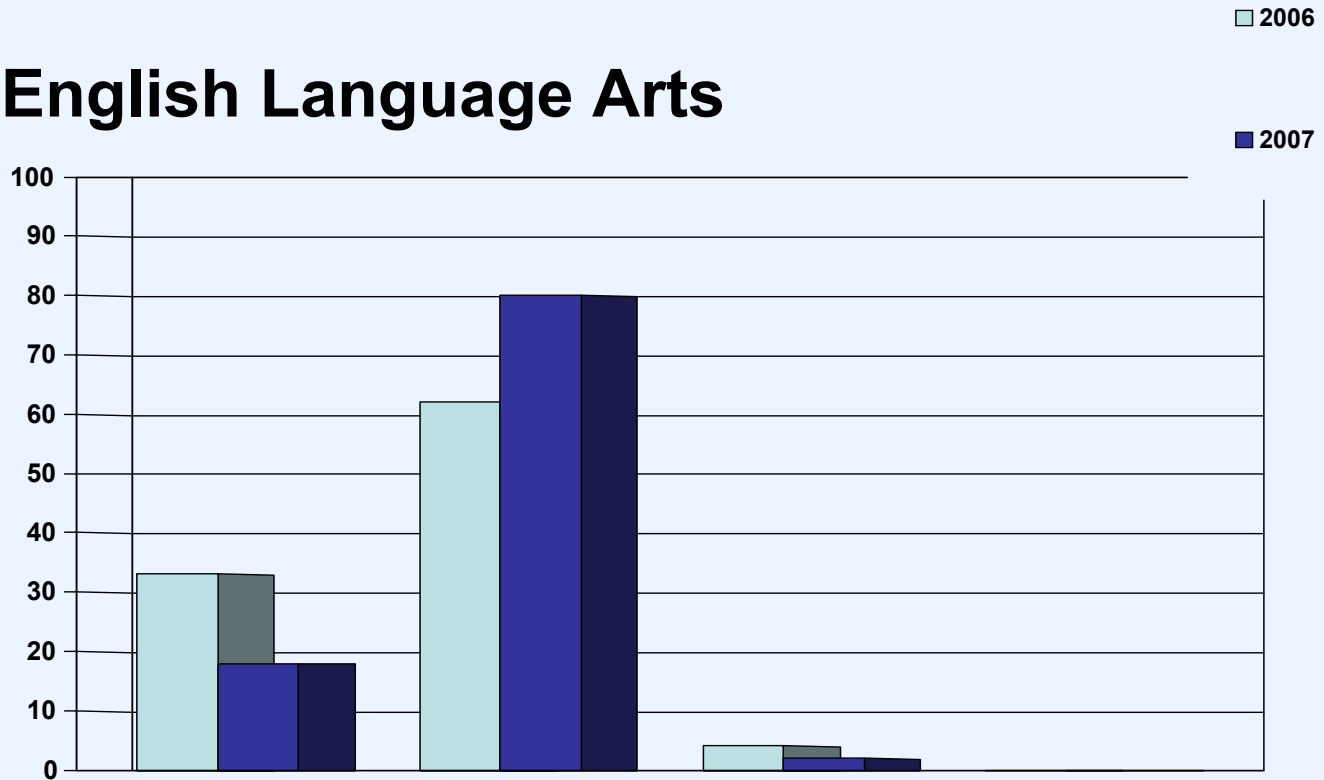
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Grade 8 English Language Arts

***Over the past two years all students
have passed English Language Arts***

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Grade 8 English Language Arts



	Advanced	Proficient	Needs Improvement	Warning
2006	33	62	4	0
2007	18	80	2	0

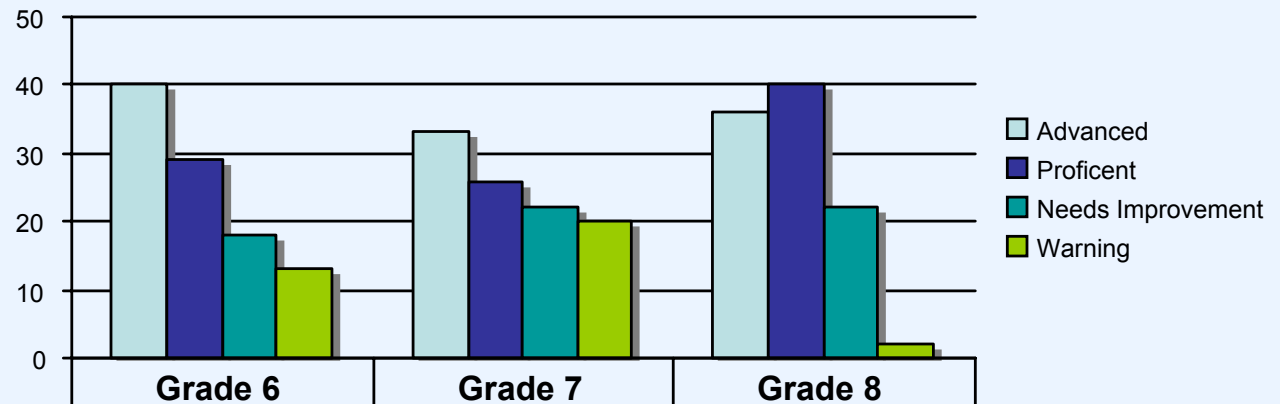
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Progress Over Time

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Following the Class of 2007 in Mathematics

Mathematics



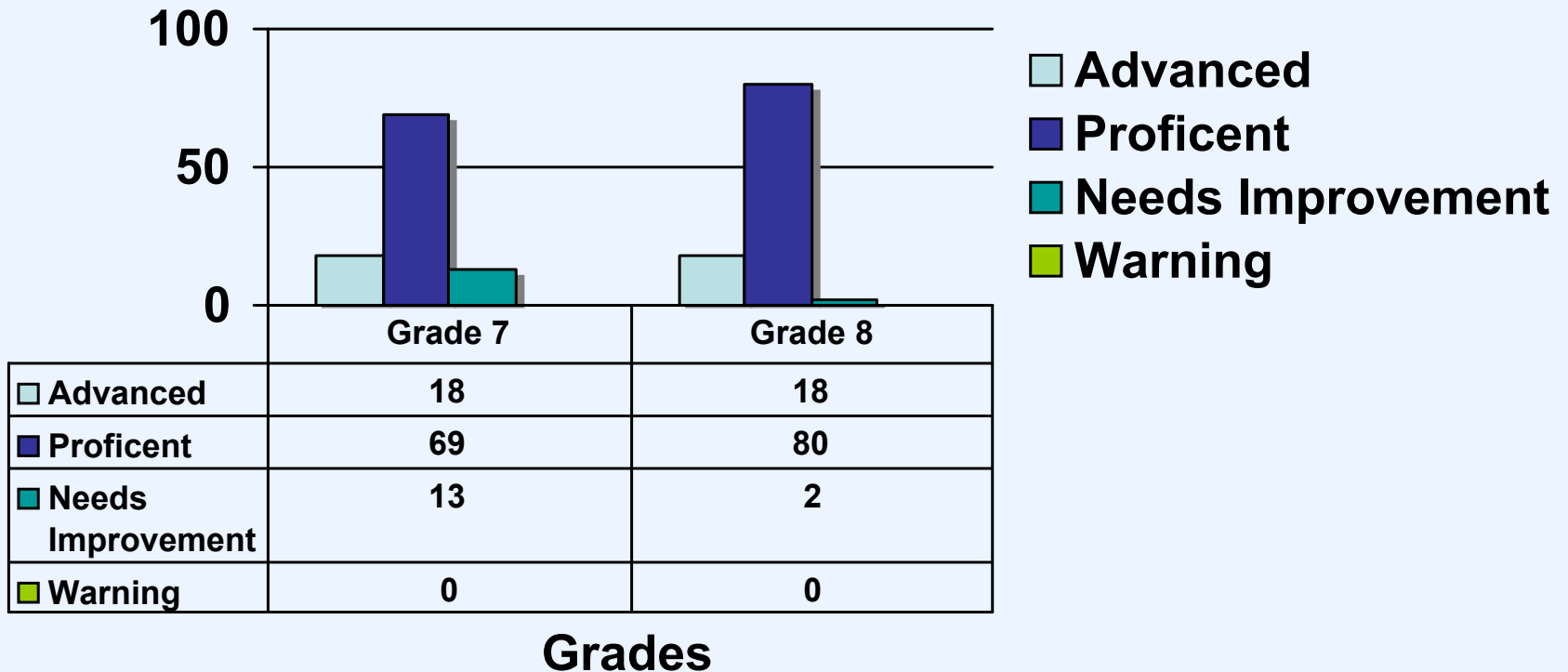
Advanced	40	33	36
Proficient	29	26	40
Needs Improvement	18	22	22
Warning	13	20	2

Grades

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Following the Class of 2007 in English Language Arts

English Language Arts



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Yearly growth at MCCPS

Advanced and Proficient Scores Class Data

Class /Subject	May 2006	May 2007	Percentage points +/-
	4 th	5 th	
2010 Math	40	67	+27
2010 English	42	78	+36
	5 th	6 th	
2009 Math	41	58	+17
2009 English	85	79	-6
	6 th	7 th	
2008 Math	56	65	+9
2008 English	94	95	+1
	7 th	8 th	
2007 Math	59	76	+17
2007 English	87	98	+11
2007 Science	77	42	-35

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Trends from yearly growth

- Large gains happen in the 4th and 5th grades
- Data trend indicates a strong academic program throughout the school, based on the growth of the same class from one year to the next.

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2007 MCAS Scores

District Placement by boston.com

- **There are about 300 districts in the Commonwealth of Massachusetts**
- **8th Math 16th Top 5% English 1st Top (with two other charter schools) Science 102nd Top 34%**
- **7th Math 54th Top 18% English 3rd Top 1%**
- **6th Math 142nd Top 47% English 101st Top 34%**
- **5th Math 71st Top 24% English 70th Top 23% science 32nd Top 11%**
- **4th Math 110th Top 37% English 124th Top 41%**

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2007 MCAS - Math

	Passed	Advanced/Proficient
Class of 2007 (in 8 th)	98%	76%
Class of 2008 (in 7 th)	87%	65% +6
Class of 2009 (in 6 th)	94%	58% +2
Class of 2010 (in 5 th)	96%	67% +26
Class of 2011 (in 4 th)	96%	56% +16

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2007 MCAS - English

	Passed	Advanced/Proficient
Class of 2007 (in 8 th)	100%	98% +3
Class of 2008 (in 7 th)	100%	95% +8
Class of 2009 (in 6 th)	100%	79% -15
Class of 2010 (in 5 th)	100%	78% -7
Class of 2011 (in 4 th)	98%	63% +21

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2007 MCAS - Science

	Passed	Advanced/Proficient
Class of 2007 (in 8 th)	95%	42% -33
Class of 2010 (in 5 th)	98%	76% +13

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Action Plan

- Teachers will focus on **writing through math and science curriculums.**
- Additional math instruction and time on ALEKS will be offered.
- **Test Vocabulary**, i.e. the language used in MCAS questions, will be established for use in class work and assessments. For example, such words as *best choice*, *most likely*, *explain*, *describe*, *support*, *evidence*, *details from the text*, are commonly applied in testing
- Teachers will embed **Open Response-type questions** in **Content Area assessments** as well as in explicit MCAS practice
- **Nonfiction reading comprehension** will have a greater emphasis at each grade level.

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All MCAS scores are on the Massachusetts Department of Education Website

<http://www.doe.mass.edu/>

Go to school and district profile