



# UXBRIDGE PUBLIC SCHOOLS

**MCAS ANALYSIS 2014 - 2015**

# DATA ANALYSIS



ELA

## Increased rigor in reading and writing

- SRSD: self-regulated strategy development
- Vertical literacy plan
- Improved discrete writing skills
- Improved close reading skills



MATH

Close reading in the math classroom.

Increased **vocabulary and visuals instruction** in the math classroom.

# How do we know this?

## WHITIN READING SCORES

### Grade 3

Craft and Structure	-3
Int. of Knowledge	+2
Key Ideas & Details	-2
Open Response	-4

### Grade 4

Craft and Structure	-4
Int. of Knowledge	0
Key Ideas & Details	-1
Open Response	-7

### Grade 5

Craft and Structure	+2
Int. of Knowledge	+1
Key Ideas & Details	-4
Open Response	-8

## McCLOSKEY READING SCORES

### Grade 6

Craft and Structure	-3
Key Ideas & Details	-3
Open Response	-11

### Grade 7

Craft and Structure	0
Int. of Knowledge	-1
Key Ideas & Details	-2
Open Response	-5

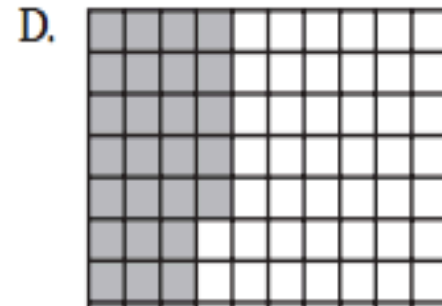
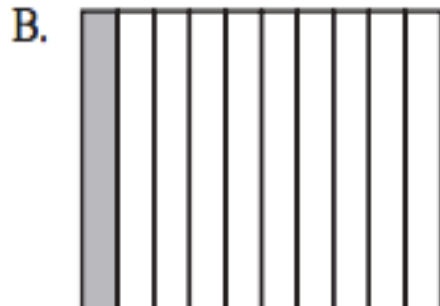
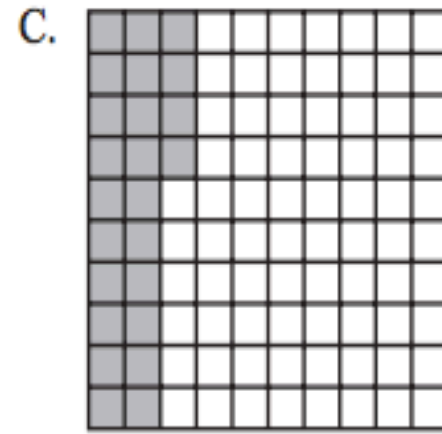
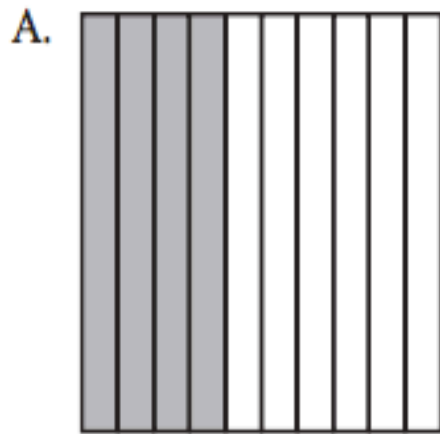
### Grade 8

Craft and Structure	+1
Int. of Knowledge	-8
Key Ideas & Details	-3
Open Response	-11

# Check out this grade 4 problem

$$0.24 > \boxed{?}$$

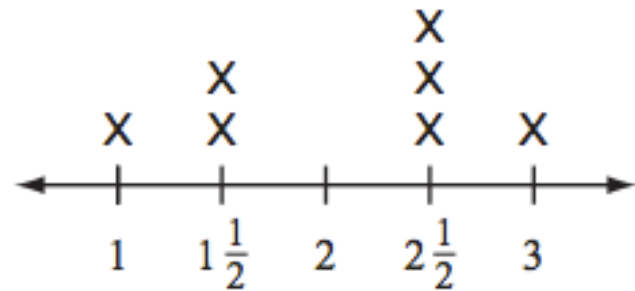
Which of the following represents a decimal number that belongs in the  $\boxed{?}$  to make the number sentence true?



# And another...

15

Greta recorded the number of miles she walked each day last week on a line plot, as shown below.



**Number of Miles Walked**

How many miles in all did Greta walk last week?

- A. 8 miles
- B. 10 miles
- C.  $12\frac{1}{2}$  miles
- D.  $14\frac{1}{2}$  miles

# Grade 8 ELA Open Response Question

**Question 16 is an open-response question.**

- **Read the question carefully.**
- **Explain your answer.**
- **Add supporting details.**
- **Double-check your work.**

**Write your answer to question 16 in the space provided in your Student Answer Booklet.**

- 16** Based on the article, explain what Louis Pasteur meant when he said, “Chance favors only the prepared mind.” Support your answer with relevant and specific information from the article.

# DISTRICT WIDE PERFORMANCE

The next several slides will show the Uxbridge Public Schools' performance:

- By school building holistically
- Over two years' time
- As compared with state MCAS test averages
- With reference to student growth percentiles

# WHO TOOK MCAS?

Spring 2015 (includes 3-8 Public and Charter Schools)

Number of Schools = 359

MCAS = 46% = 207,500 students      PARCC = 54% = 227,000 students

## Big City Choices

### MCAS

Cambridge

Fall River

Lawrence

Lowell

### PARCC

Brockton

Fitchburg

New Bedford

### BOTH

Boston

Springfield

NB: Acton, Boxborough, Chelmsford, Cohasset, Dover, Lexington took MCAS.



# WHITIN ELEMENTARY ELA SCORES

	ELA 2014	ELA 2015	STATE
Advanced	10	6	15
Proficient	51	39	34
Needs Improvement	32	33	26
Warning	8	11	11
Median SGP	40	34	50+/-

# WHITIN ELEMENTARY MATH SCORES

	MATH 2014	MATH 2015	STATE
Advanced	22	17	30
Proficient	38	39	34
Needs Improvement	31	33	26
Warning	9	11	11
SGP	48	53	50+/-

# WHITIN ELEMENTARY SCIENCE SCORES

	SCIENCE 2014	SCIENCE 2015	STATE
Advanced	16	15	17
Proficient	41	47	36
Needs Improvement	35	31	36
Warning	8	8	11

# WHITIN HIGHLIGHTS

## MATH GROWTH PERCENTILE SCORES

Grade 4                      53.5%

Grade 5                      52 %

## WHITIN SCIENCE

**62% of students  
proficient or advanced**

## STATE

**53% of students  
proficient or advanced**

# McCLOSKEY ELA SCORES

	ELA 2014	ELA 2015	STATE
Advanced	7	7	18
Proficient	70	67	56
Needs Imp	20	22	19
Warning	3	4	7
Median SGP	51.5	43	50+/-

# McCLOSKEY MATH SCORES

	MATH 2014	MATH 2015	STATE
Advanced	24	18	27
Proficient	35	37	32
Needs Imp	30	29	24
Warning	11	16	17
Median SGP	65	34	50+/-

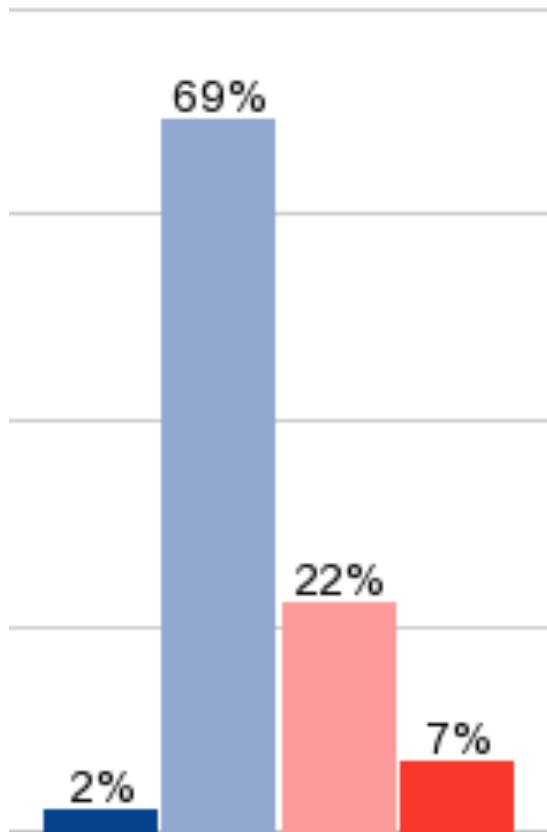
# McCLOSKEY SCIENCE SCORES

	SCIENCE 2014	SCIENCE 2015	STATE
Advanced	2	2	5
Proficient	40	38	40
Needs Improvement	47	51	39
Warning	10	9	15

# McCLOSKEY HIGHLIGHTS

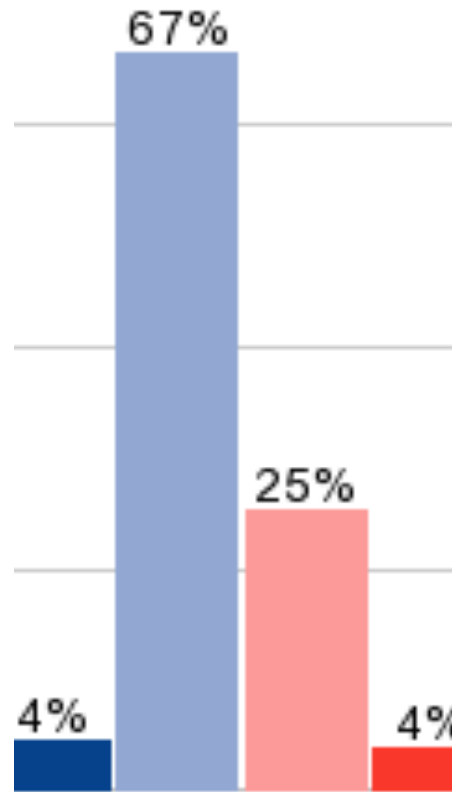
## MCAS Achievement Level

- Advanced
- Proficient
- Needs Improvement
- Warning/Failing



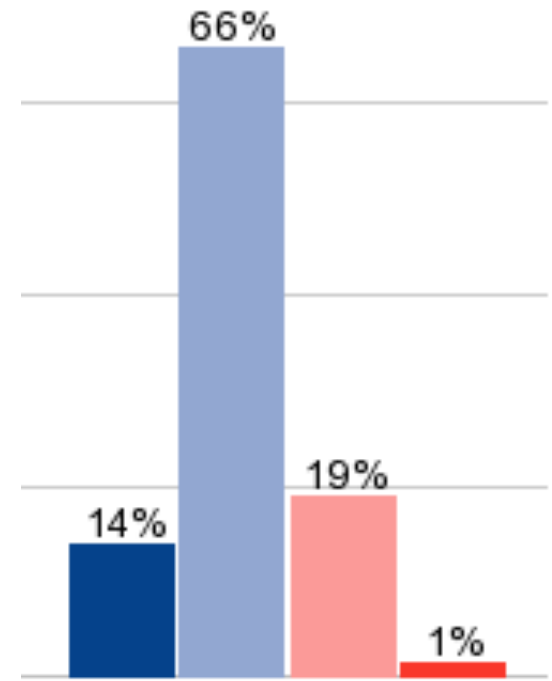
2015

**GRADE 6**



2015

**GRADE 7**



2015

**GRADE 8**



# MORE McCLOSKEY HIGHLIGHTS

Spring 2013 English Language Arts

MMS 68% Proficient or Advanced

State 72% Proficient or Advanced

Spring 2013 Mathematics

MMS 50% Proficient or Advanced

State 56% Proficient or Advanced

Spring 2015 English Language Arts

MMS 74% Proficient or Advanced

State 75% Proficient or Advanced

Spring 2015 Mathematics

MMS 55% Proficient or Advanced

State 57% Proficient or Advanced

# UXBRIDGE HS ELA SCORES

	ELA 2014	ELA 2015	STATE
Advanced	44	45	49
Proficient	48	47	42
Needs Imp	7	5	6
Warning	2	3	3
Median SGP	42	47	50+/-

# UXBRIDGE HS MATH SCORES

	MATH 2014	MATH 2015	STATE
Advanced	59	53	53
Proficient	21	28	25
Needs Imp	14	10	13
Warning	7	10	8
Median SGP	68	48	50+/-

# UXBRIDGE HS SCIENCE SCORES

	SCIENCE 2014	SCIENCE 2015	STATE
Advanced	29	19	27
Proficient	54	60	44
Needs Improvement	15	16	23
Warning	3	5	5

# UXBRIDGE HS HIGHLIGHTS

[More about the data](#)

GRADE 10 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL	2012	2013	2014	2015
<b>ADVANCED</b>	28	31	43	44
<b>PROFICIENT</b>	53	56	48	48
<b>NEEDS IMPROVEMENT</b>	18	11	7	5
<b>FAILING</b>	1	2	2	3

GRADE 10 - MATHEMATICS				
ACHIEVEMENT LEVEL	2012	2013	2014	2015
<b>ADVANCED</b>	44	47	59	52
<b>PROFICIENT</b>	29	30	21	28
<b>NEEDS IMPROVEMENT</b>	22	19	14	10
<b>FAILING</b>	5	4	7	9