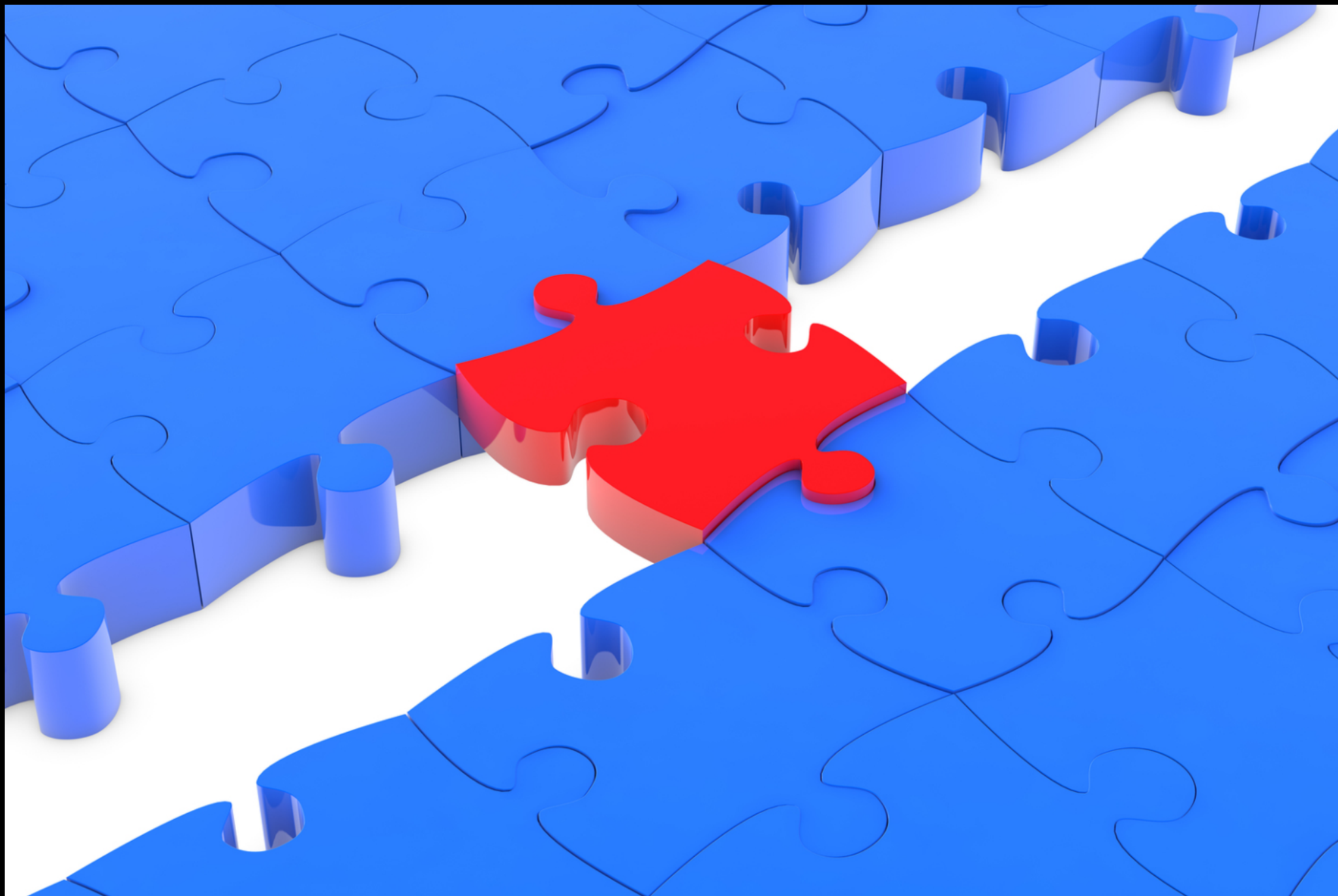


# State Testing Report

Shrewsbury Public Schools

December 7, 2016



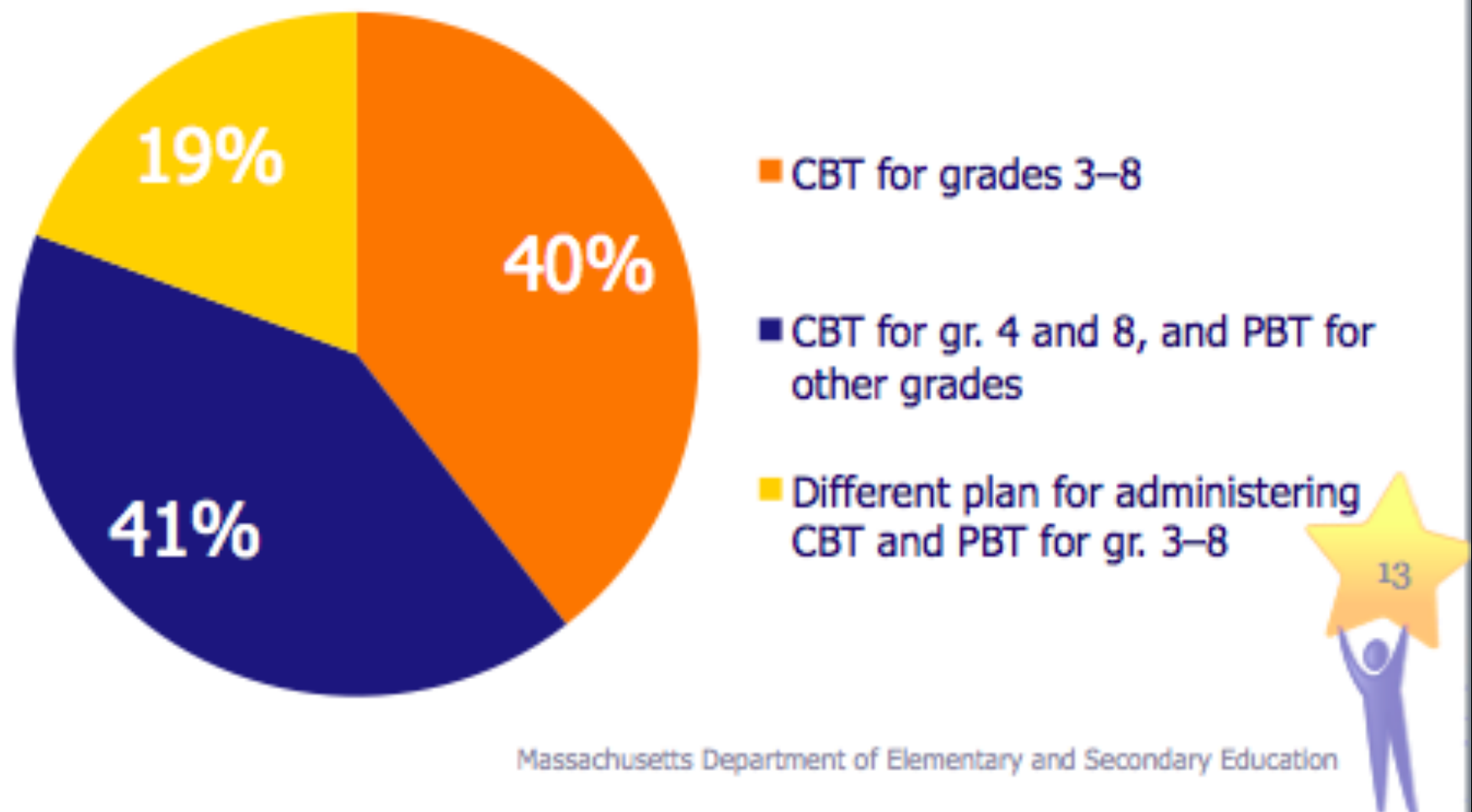
**State Testing is in Transition**

# PARCC, MCAS, and MCAS 2.0

- Across the state 72% of districts took PARCC, 28% took MCAS
- No state averages for PARCC data
- No item analysis for PARCC
- 66% of MCAS 2.0 2016 questions will come from PARCC

# Testing mode decisions for school districts – ELA/math MCAS tests

★ 352 of 405 districts responding



# Comparing Performance Levels

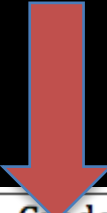
## PARCC Levels

- Level 5
- Level 4
- Level 3
- Level 2
- Level 1


## MCAS Levels

- Advanced
- Proficient
- Needs Improvement
- Warning

# Shrewsbury Spring 2016 State Testing



	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9/10
English Language Arts/Reading - PARCC							
English Language Arts/Reading - MCAS							
Mathematics - PARCC							
Mathematics - MCAS							
Science and Technology - MCAS							



# PARCC RESULTS

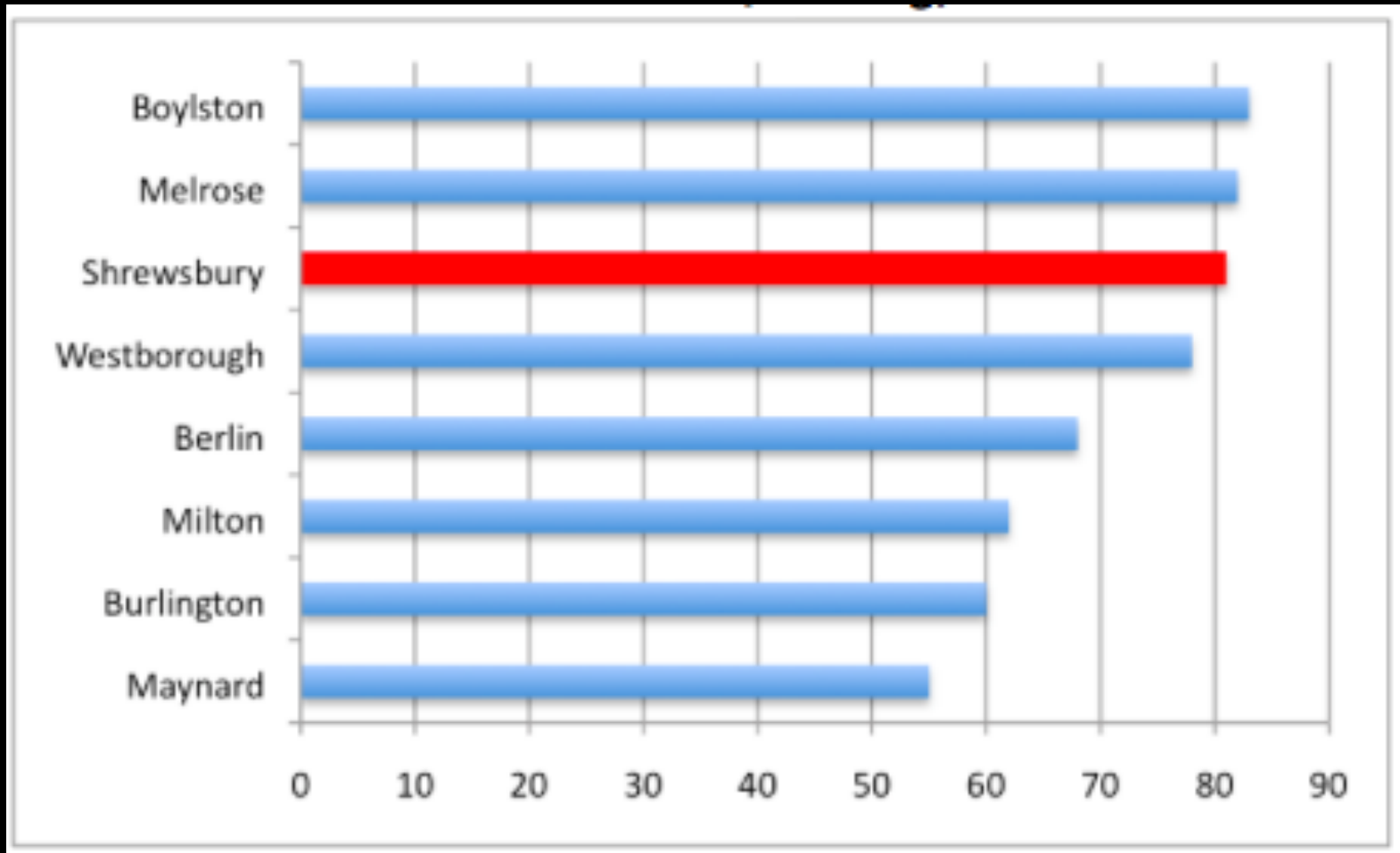
# English Language Arts

*% Students Scoring Level 4 and Level 5 in PARCC ELA*

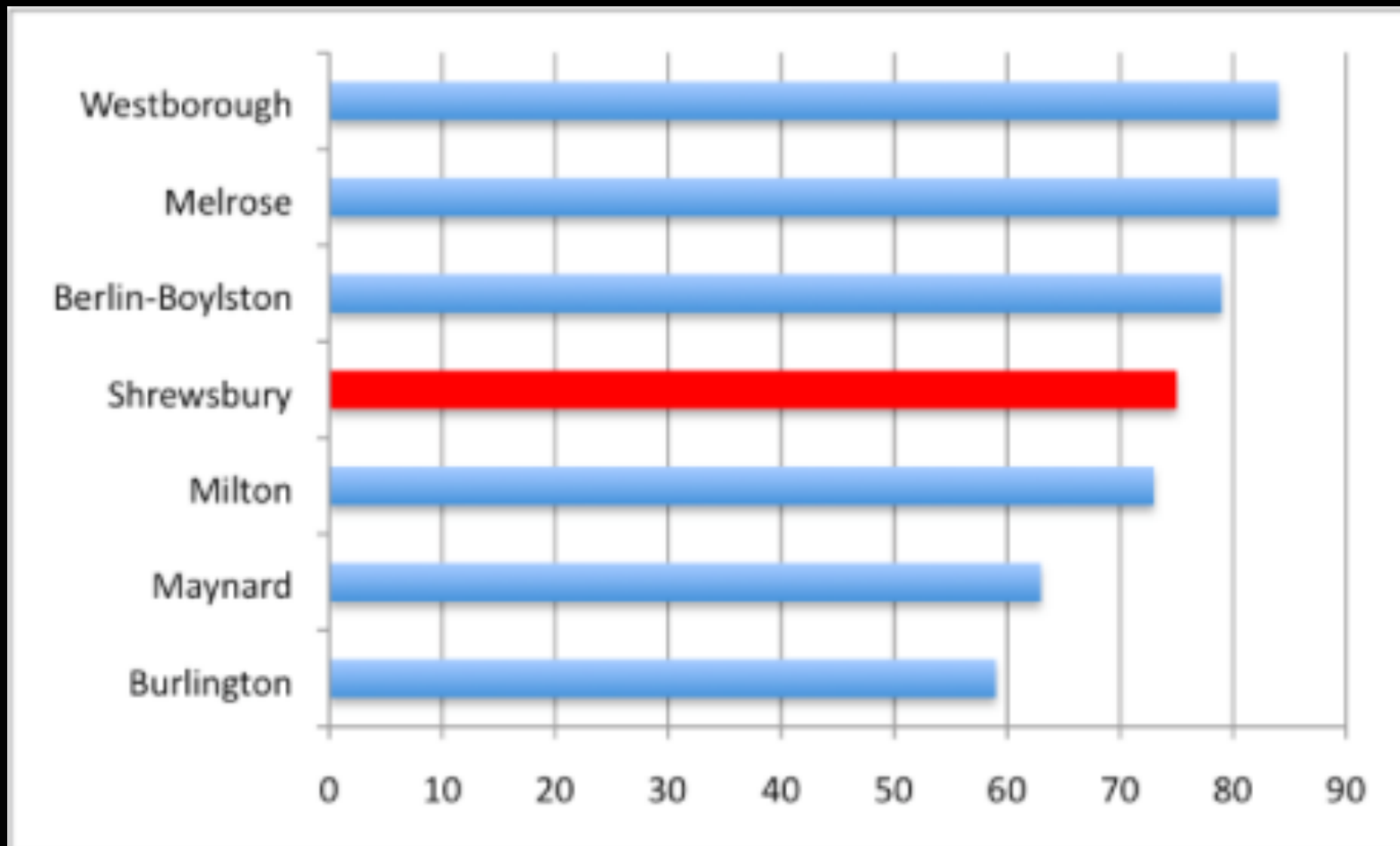
<b>Grade and Subject</b>	<b>Gr 3 ELA</b> % Level 4/5.	<b>Gr 4 ELA</b> % Level 4/5.	<b>Gr 5 ELA</b> % Level 4/5.	<b>Gr 6 ELA</b> % Level 4/5.	<b>Gr 7 ELA</b> % Level 4/5.	<b>Gr 8 ELA</b> % Level 4/5.
Shrewsbury % Level 4/5 2015	80	86	75	78	80	79
Shrewsbury % Level 4/5 2016	<b>81</b>	<b>80</b>	<b>79</b>	<b>75</b>	<b>78</b>	<b>77</b>



# Highest Level 4 and 5 - Grade 3



# Lowest Level 4 and 5 - Grade 6



# Grade 5 ELA Released Item

Today you will research the Peace Corps. You will read the article “The Peace Corps Journey.” Then you will read the speech “Remarks of Senator John F. Kennedy” and view the video A Call to Peace.

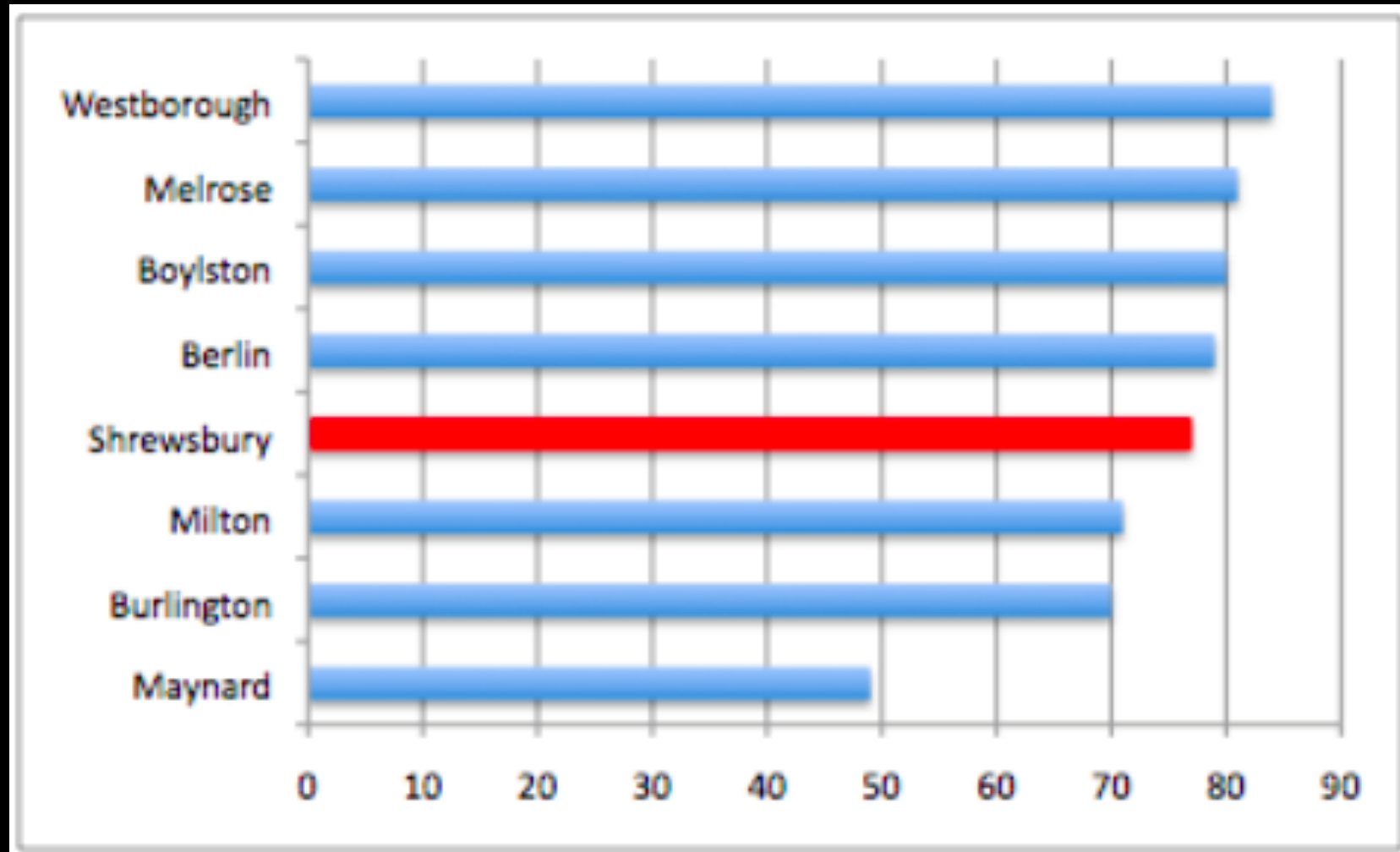
As you review these sources, you will gather information and answer questions about the Peace Corps so you can write an essay.

# Mathematics

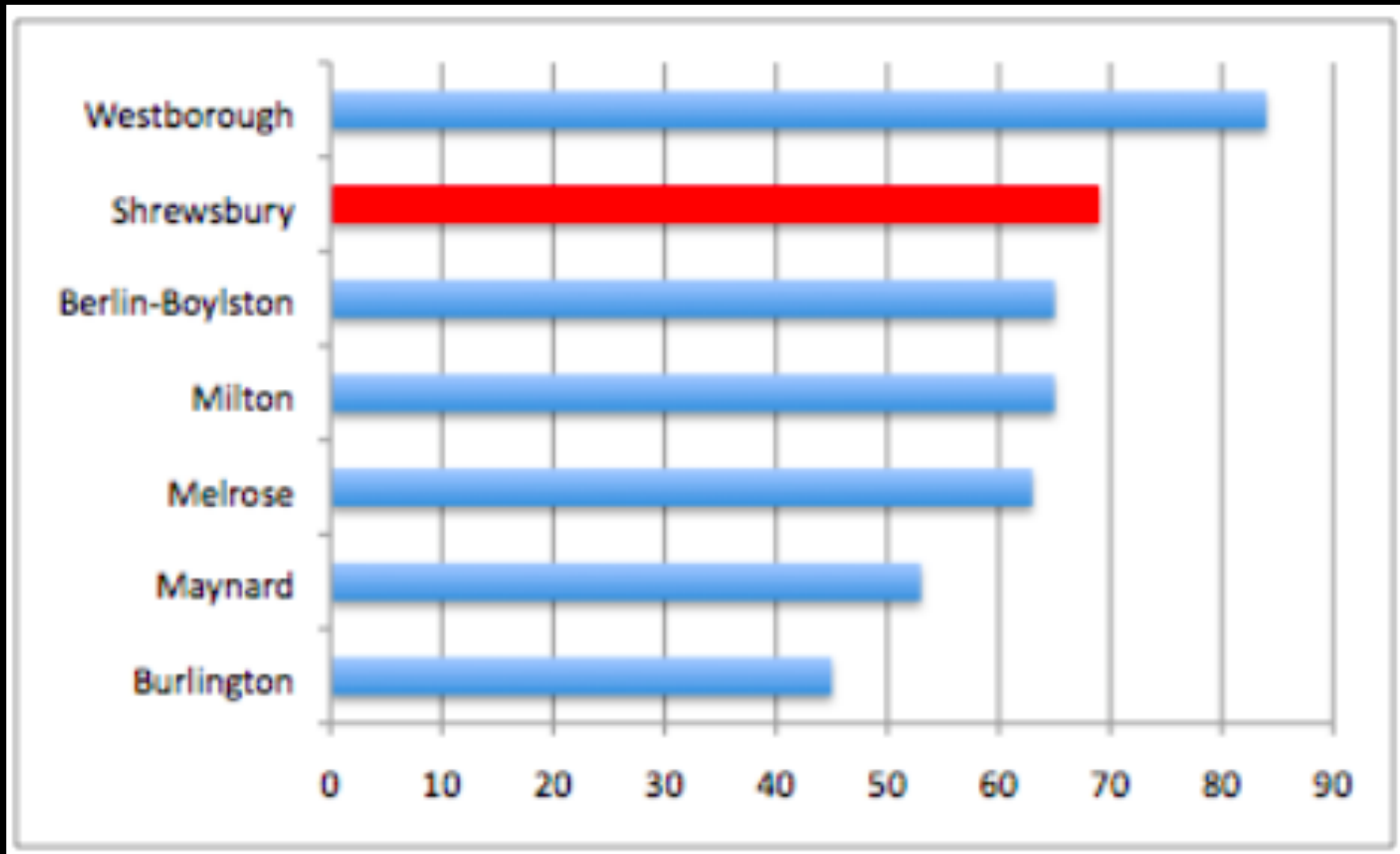
*% Students Scoring Level 4 and Level 5 in PARCC Mathematics*

<b>Grade and Subject</b>	<b>Gr 3 Math</b> % Level 4/5.	<b>Gr 4 Math</b> % Level 4/5.	<b>Gr 5 Math</b> % Level 4/5.	<b>Gr 6 Math</b> % Level 4/5.	<b>Gr 7 Math</b> % Level 4/5.	<b>Gr 8 Math</b> % Level 4/5.
Shrewsbury % Level 4/5 2015	77	80	72	69	62	69
Shrewsbury % Level 4/5 2016	<b>86</b>	<b>78</b>	<b>76</b>	<b>69</b>	<b>63</b>	<b>72</b>

# Highest Level 4 and 5 - Grade 3



# Lowest Level 4 and 5 - Grade 6



# Grade 8 Math Released Item

A family purchased tickets to a museum and spent a total of \$38.00. The family purchased 4 tickets. There was a \$1.50 processing fee for each ticket. Write and solve an equation that can be used to find  $x$ , the cost of one ticket to the museum. Show your work or explain your answer.

Enter your equation, your answer, and your work or explanation in the space provided.



## Math symbols



## Relations

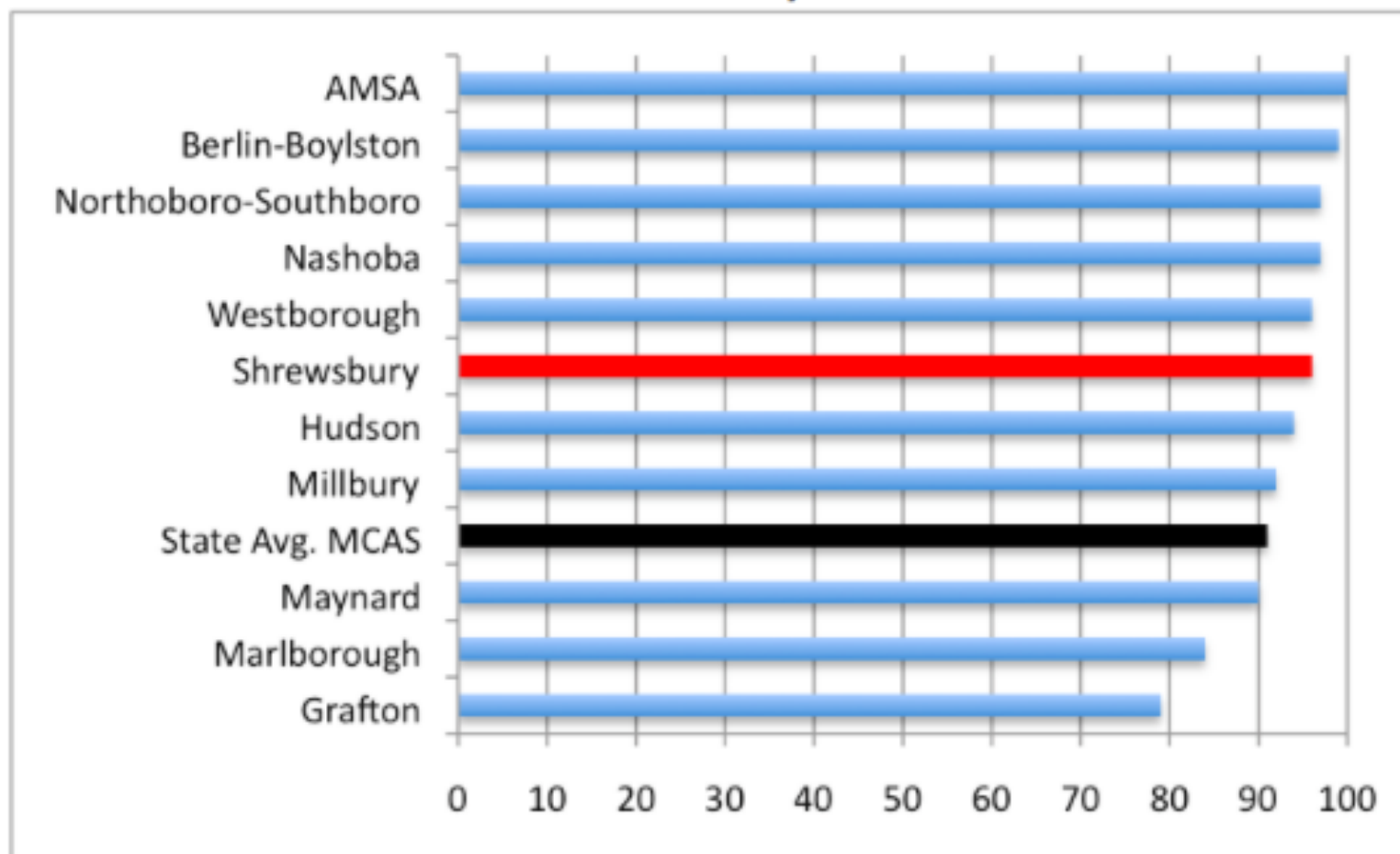
## Geometry

# MCAS RESULTS



# Grade 10 - ELA

**Grade 10 % Advanced & Proficient Comparisons – ELA**

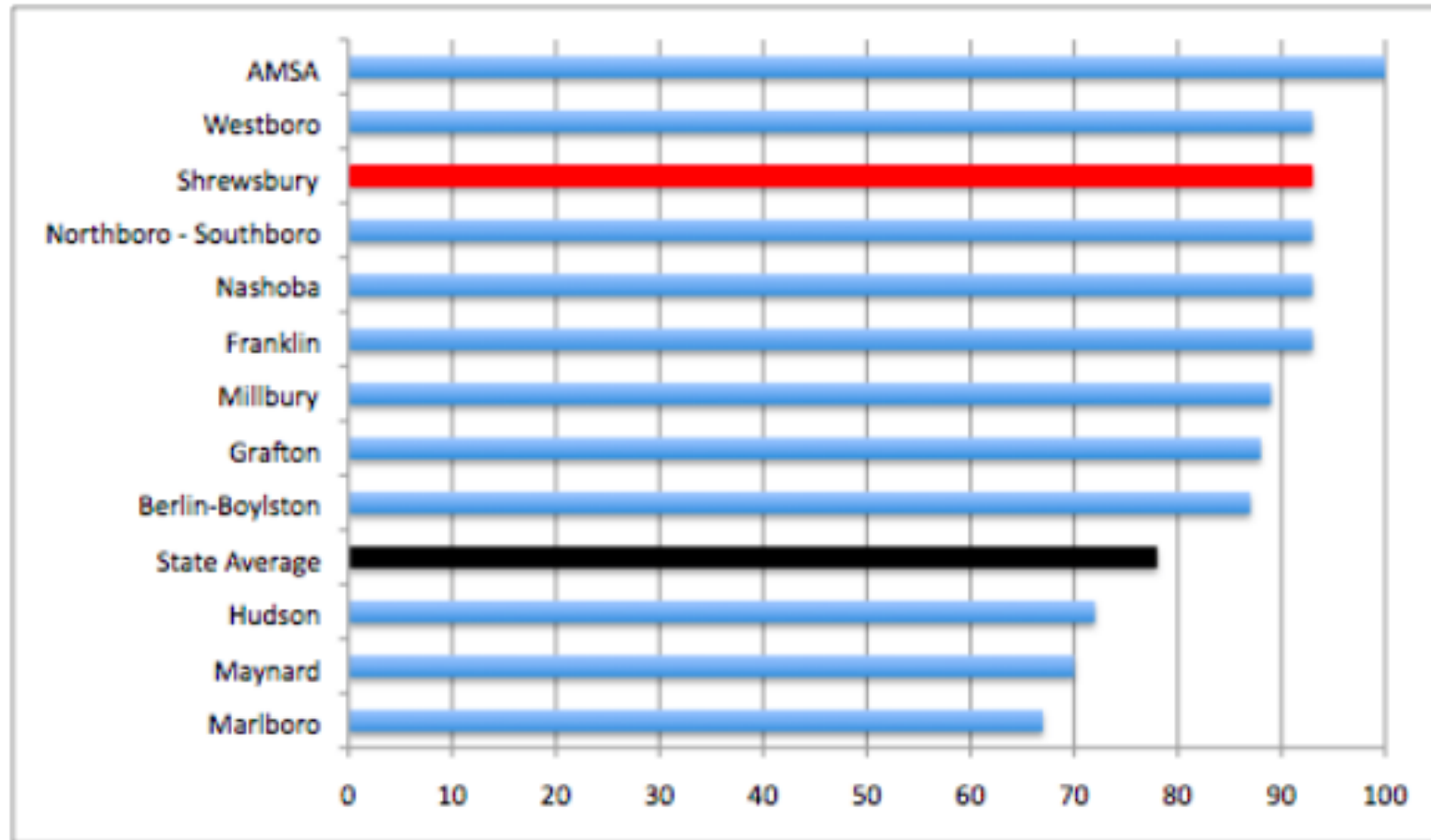


2015: 97% advanced/proficient

2016: 96% advanced/proficient

# Grade 10 - Mathematics

Grade 10 % Advanced & Proficient Comparison – Math 2016

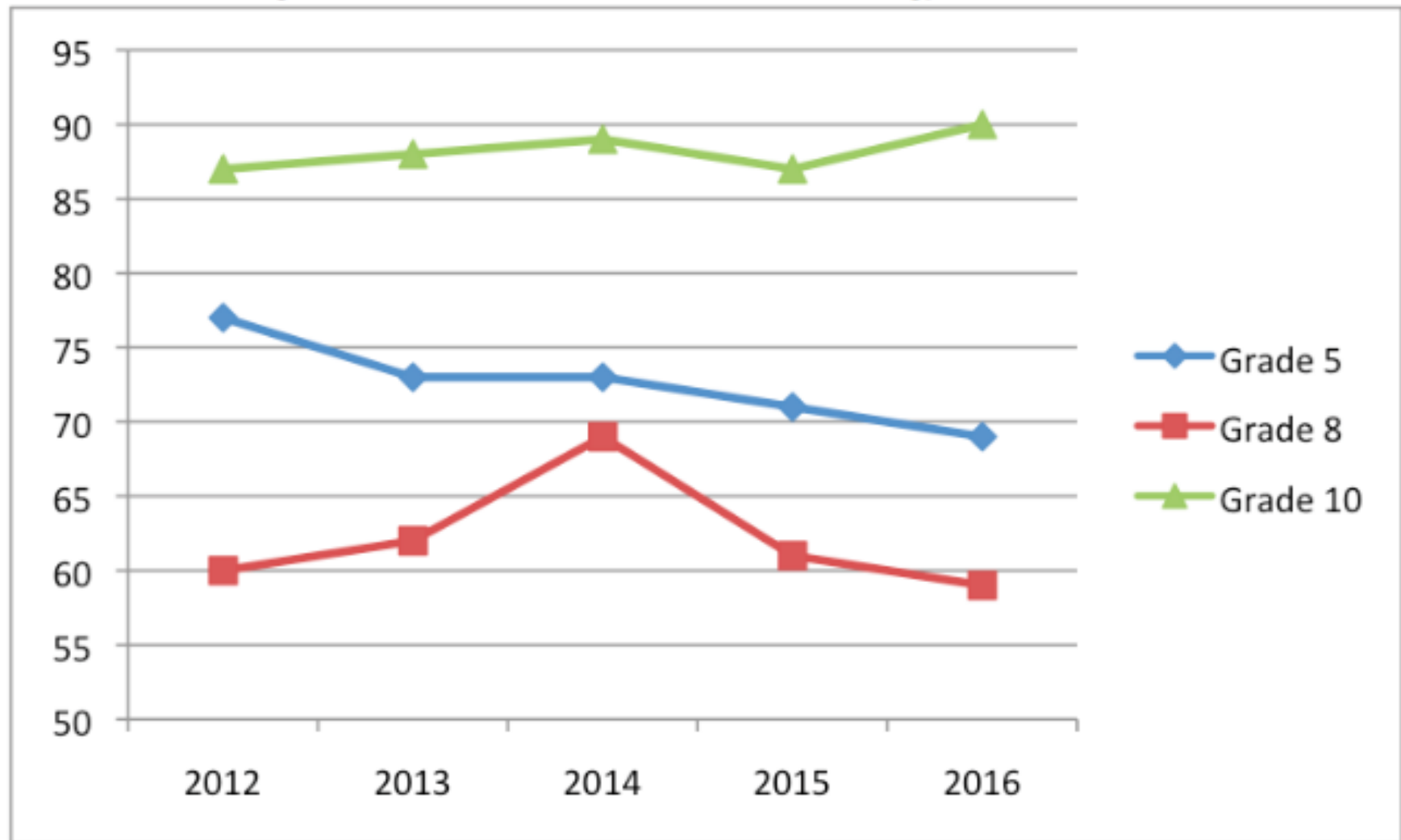


2015: 91% advanced/proficient

2016: 92% advanced/proficient

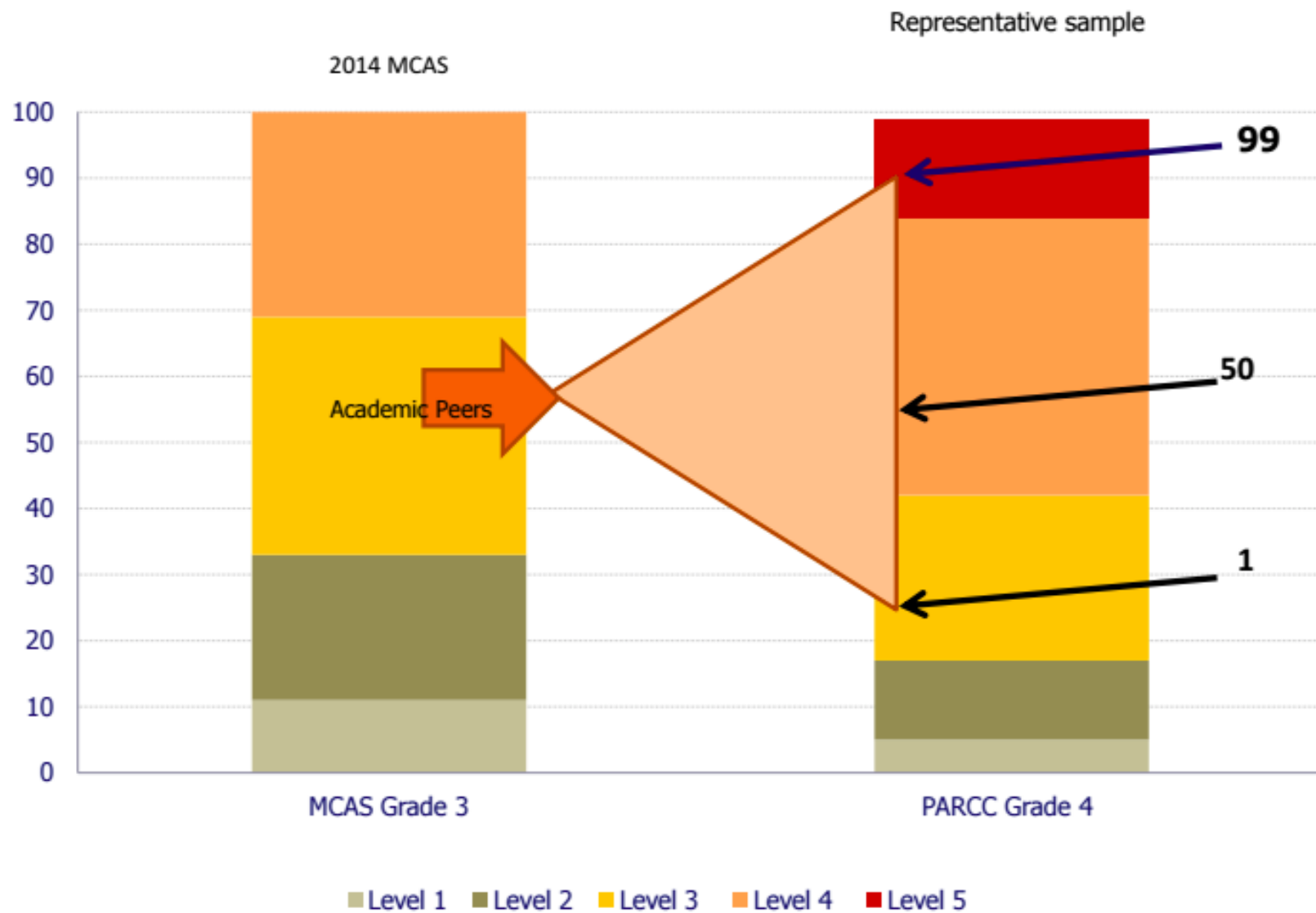
# Science 3, 5 and 8

**% Students scoring Advanced/Proficient Science & Technology 2012-2016**

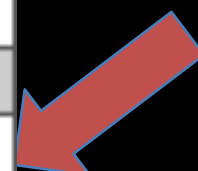


**GROWTH SCORES**

## 2015 PARCC Transitional Student Growth Percentiles



Grade and Subject	Trans. Student Growth Percentile (SGP)	
	#	Median
GRADE 3 ELA/L	--	--
GRADE 3 Math	--	--
GRADE 4 ELA/L	441	53.0
GRADE 4 Math	440	59.0
GRADE 5 ELA/L	429	46.0
GRADE 5 Math	429	41.0
GRADE 6 ELA/L	465	46.0
GRADE 6 Math	465	38.0
GRADE 7 ELA/L	448	34.0
GRADE 7 Math	452	38.0
GRADE 8 ELA/L	511	45.0
GRADE 8 Math	511	50.0
GRADES 3-8 ELA/L	2,294	45.0
GRADES 3-8 MATH	2,297	45.0



**ACCOUNTABILITY**

School	Accountability and Assistance Level
Calvin Coolidge	1
Floral Street School	1
Walter J Patton	1
Spring Street	1
Sherwood Middle School	2
Oak Middle School	2
Shrewsbury Sr High	2
Beal School	N/A
Parker Road Preschool	N/A



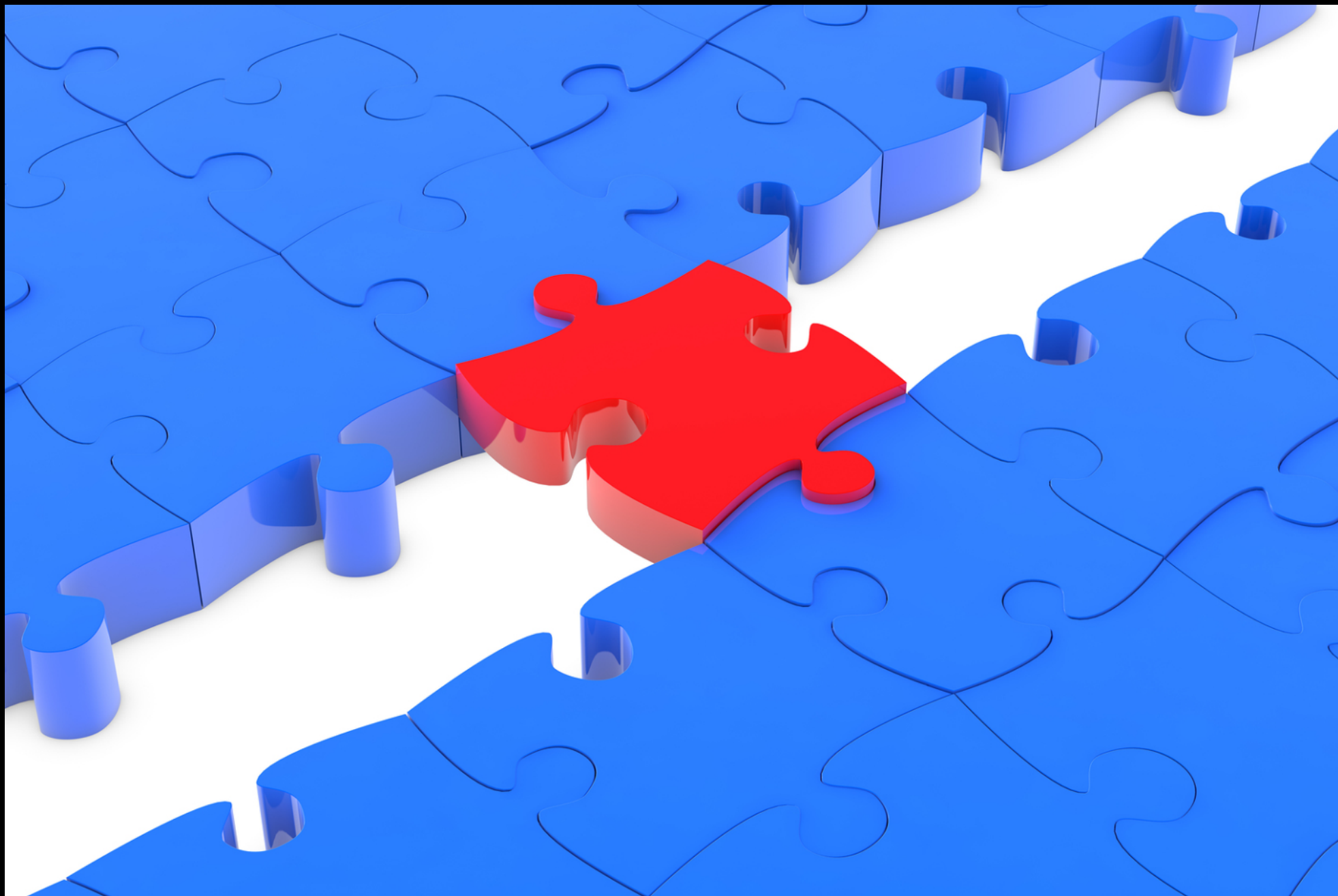
**WHAT'S NEXT?**

# Spring 2017 Testing

- MCAS 2.0
  - Grade 3 paper-based testing
  - Grades 4-8 on-line testing
  - MCAS Grade 10 ELA and Math
  - MCAS Science (old standards)
- Test is untimed
- Additional keyboards and IT support needed

# Further Out

- 18-19 assess new science standards/on-line testing
- Legacy 10th grade MCAS extended to class of 2020
- Actionable data



**State Testing is in Transition**