



# Next Generation MCAS Results Grades 3-8



Hanover Public Schools

2018

## Where We've Been

2018

Next Generation MCAS  
New Accountability System

2017

Next Generation MCAS

2016

PARCC

2015

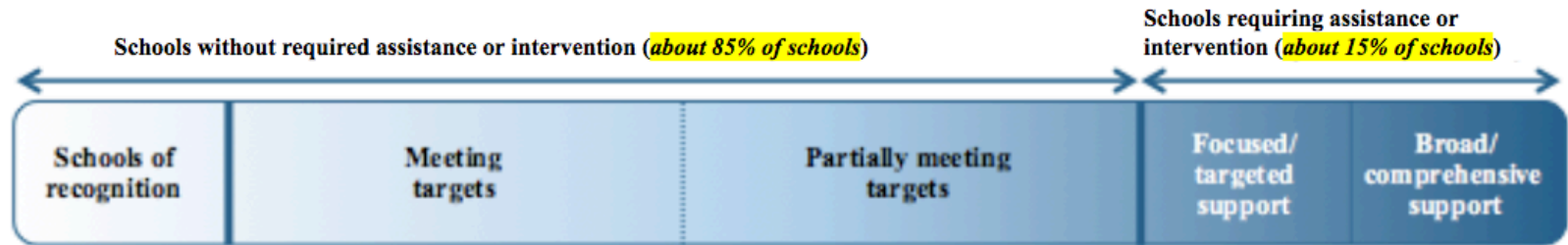
PARCC

2014

Legacy MCAS

# New Classifications

*The system sorts schools and districts into categories to recognize success and identify where support is most needed:*



# Non-High School Accountability Indicators

*Massachusetts' new accountability system is designed to measure how a school or district is doing and what kind of support it may need. The accountability system considers:*

<b>Achievement</b> ✓	MCAS scores in English language arts, math, and science
<b>Student Growth</b> ✓	Student growth percentiles in English language arts and math
<b>High School Completion</b>	Four-year cohort graduation rate
	Extended engagement rate (five-year cohort graduation rate plus the percentage of students from the cohort who are still enrolled)
	Annual dropout rate
<b>Progress Towards English Proficiency</b> ✓	Percentage of English learners meeting annual targets in order to be English proficient in six years
<b>Chronic Absenteeism</b> ✓	Percentage of students missing 10 percent or more of the days they were enrolled at a given school during a school year
<b>Advanced Coursework Completion</b>	Percentage of 11 <sup>th</sup> and 12 <sup>th</sup> graders completing advanced coursework (Advanced Placement, International Baccalaureate, dual enrollment courses, and other selected rigorous courses)

Information on how these are weighted is available at <http://www.doe.mass.edu/accountability/accountability-summary.docx>.

# Target & Performance Scale

Declined	No change	Improved	Met target	Exceeded target
0	1	2	3	4

Category	Declined	No change	Improved	Met target	Exceeded target
Points	0	1	2	3	4
Target %	0%	25%	50%	75%	100%
Reported	Partially Meeting Targets			Met Targets	

# State Results

## 2018 Accountability Data Summary

- Accountability categories for districts
  - 17% categorized as “Meeting targets”
  - 75% categorized as “Partially meeting targets”
  - 7% categorized as “In need of focused/targeted support”
  - 1% categorized as “In need of broad/comprehensive support”

# Hanover's Results

## Overall results

Progress toward improvement targets														
Indicator		All students (Non-high school grades)			Lowest performing students (Non-high school grades)			All students (High school grades)			Lowest performing students (High school grades)			
		Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %	
Achievement	English language arts achievement	2	4	-	2	4	-	4	4	-	0	4	-	
	Mathematics achievement	2	4	-	3	4	-	2	4	-	1	4	-	
	Science achievement	0	4	-	-	-	-	2	4	-	-	-	-	
	Achievement total	4	12	67.5	5	8	67.5	8	12	47.5	1	8	67.5	
Growth	English language arts growth	3	4	-	2	4	-	2	4	-	1	4	-	
	Mathematics growth	3	4	-	3	4	-	2	4	-	0	4	-	
	Growth total	6	8	22.5	5	8	22.5	4	8	22.5	1	8	22.5	
High school completion	Four-year cohort graduation rate	-	-	-	-	-	-	3	4	-	-	-	-	
	Extended engagement rate	-	-	-	-	-	-	3	4	-	-	-	-	
	Annual dropout rate	-	-	-	-	-	-	3	4	-	-	-	-	
	High school completion total	-	-	-	-	-	-	9	12	20.0	-	-	-	
Progress toward attaining English language proficiency	English language proficiency total	-	-	-	-	-	-	-	-	-	-	-	-	
Additional indicators	Chronic absenteeism	0	4	-	0	4	-	0	4	-	3	4	-	
	Advanced coursework completion	-	-	-	-	-	-	4	4	-	-	-	-	
	Additional indicators total	0	4	10.0	0	4	10.0	4	8	10.0	3	4	10.0	
Weighted total		4.1	10.3	-	4.5	7.6	-	6.9	10.7	-	1.2	7.6	-	
Percentage of possible points		40%			59%			64%			16%			-
Percentage of possible points by gradespan		50%						40%						-
Criterion-referenced target percentage		Weight of non-high school results:70%						Weight of high school results:30%						
		47%												
		Partially meeting targets												



# Spring 2018 MCAS Tests Parent/Guardian Report



Name: \_\_\_\_\_ District: \_\_\_\_\_  
 SASID: \_\_\_\_\_ School: \_\_\_\_\_  
 Date of Birth: \_\_\_\_\_ Grade: \_\_\_\_\_

This report provides your child's results on the spring 2018 Massachusetts Comprehensive Assessment System (MCAS) tests. For the English Language Arts (ELA) and Mathematics tests your child took in spring 2018, the report shows your child's score (between 440 and 560), achievement level (Exceeding Expectations, Meeting Expectations, Partially Meeting Expectations, or Not Meeting Expectations), and student growth percentile (1-99). If your child was in grade 5 or grade 8, he or she also took a Science and Technology/Engineering test, and those results are reported with different scores and achievement levels on the back page of this report.

For each subject, the report also provides information that compares your child's performance to performance at the school, district, and state levels, as well as information about how your child performed in the major areas of the test and on individual test questions.

In 2017, students began taking MCAS tests on a computer. In 2018, 70% of the students took an MCAS test online. The remaining students took a paper version of the test. The type of test your child took (paper or computer) is shown in the upper right corner on the page for that test.

More information on how to understand the results in this report, and how parents/guardians can take action based on the results, is provided below and also on our website at [www.doe.mass.edu/mcas/parents](http://www.doe.mass.edu/mcas/parents).

## Your Child's Overall Results in Grade

### English Language Arts

Achievement Level

Score

(Score range: 440-560)

Growth Percentile

Details on page 2

### Mathematics

Achievement Level

Score

(Score range: 440-560)

Growth Percentile

Details on page 3

### Science and Technology/Engineering

Achievement Level

Score

(Score range: 200-280)

Details on page 4

## Why statewide testing is important for students, parents, and educators

In 1993, the state established MCAS testing for all students in order to measure whether students are learning the material they need to know at each grade level. MCAS results:

1. help families see whether their children are making expected academic progress;
2. help educators identify areas of the curriculum where students are learning well and areas where students may need additional assistance to meet grade-level expectations; and
3. help the state target resources to schools that need support.





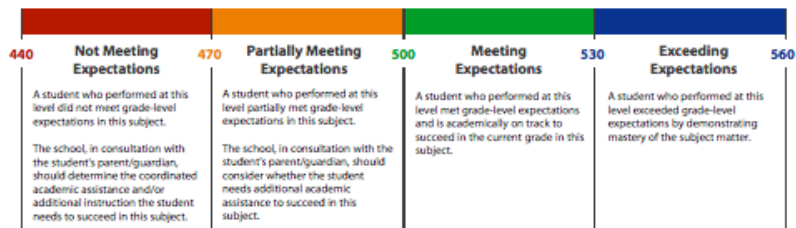
Name: \_\_\_\_\_  
SASID: \_\_\_\_\_

Grade \_\_\_\_\_  
Spring 2018

## English Language Arts

Your Child's Achievement Level:

Your Child's Score:



The horizontal gray bars shown in the graphics above and below show the range of likely scores your child would receive if he or she took the test multiple times.

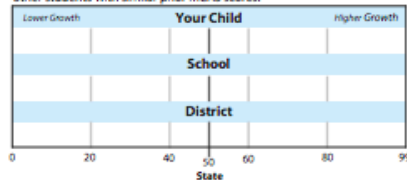
### Achievement

How your child performed compared to students in their school, district, and state.

Year	Your Child's Score	Average Score		
		School	District	State
2018				
2017				

### 2018 Student Growth Percentiles

The student growth percentile (1-99) compares your child's score to other students with similar prior MCAS scores.



### How your child performed on the test in each reporting category and on each individual test question

Reporting Category	Points Earned by Your Child	Average Points in School	Average Points in District	Average Points in State	Total Possible Points	Average Points Earned*
Reading						
Writing						
Language						

\*Average number of points earned by students Meeting Expectations at the state level who scored close to 500.

### Individual Test Questions

Question Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
Points Earned																											



# 2018 Grade/Cohort Level MCAS Data

# MCAS Achievement Levels

## ★ Legacy (Grades 5, 8 & 10)

### Advanced

Students at this level demonstrate a comprehensive and in-depth understanding of rigorous subject matter, and provide sophisticated solutions to complex problems.

### Proficient

Students at this level demonstrate a solid understanding of challenging subject matter and solve a wide variety of problems.

### Needs Improvement

Students at this level demonstrate a partial understanding of subject matter and solve some simple problems.

### Warning

Students at this level demonstrate a minimal understanding of subject matter and do not solve simple problems.

Massachusetts Department of Elementary and Secondary Education

## ★ Next-generation

### Exceeding Expectations

A student who performed at this level exceeded grade-level expectations by demonstrating mastery of the subject matter.

### Meeting Expectations

A student who performed at this level met grade-level expectations and is academically on track to succeed in the current grade in this subject.

### Partially Meeting Expectations

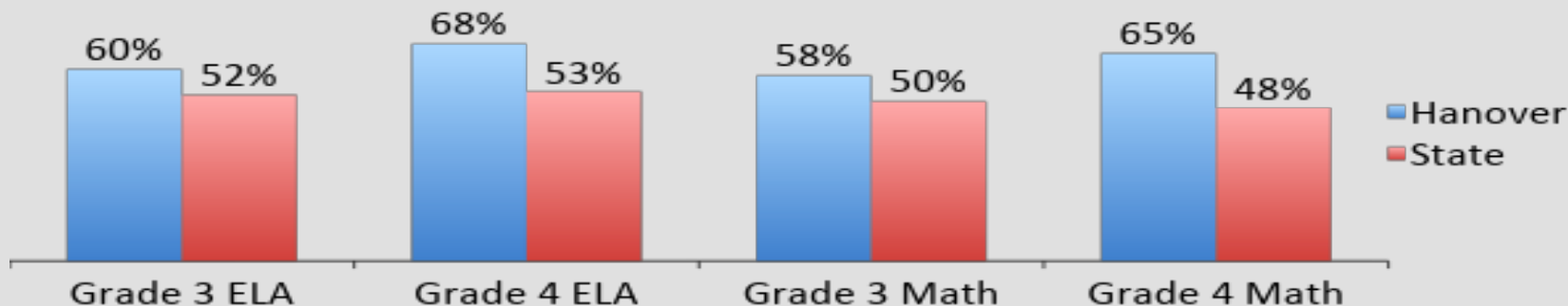
A student who performed at this level partially met grade-level expectations in this subject. The school, in consultation with the student's parent/guardian, should consider whether the student needs additional academic assistance to succeed in this subject.

### Not Meeting Expectations

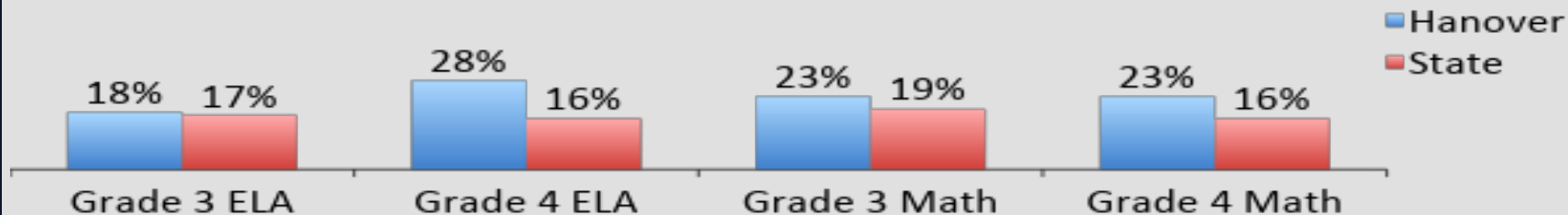
A student who performed at this level did not meet grade-level expectations in this subject. The school, in consultation with the student's parent/guardian, should determine the coordinated academic assistance and/or additional instruction the student needs to succeed in this subject.



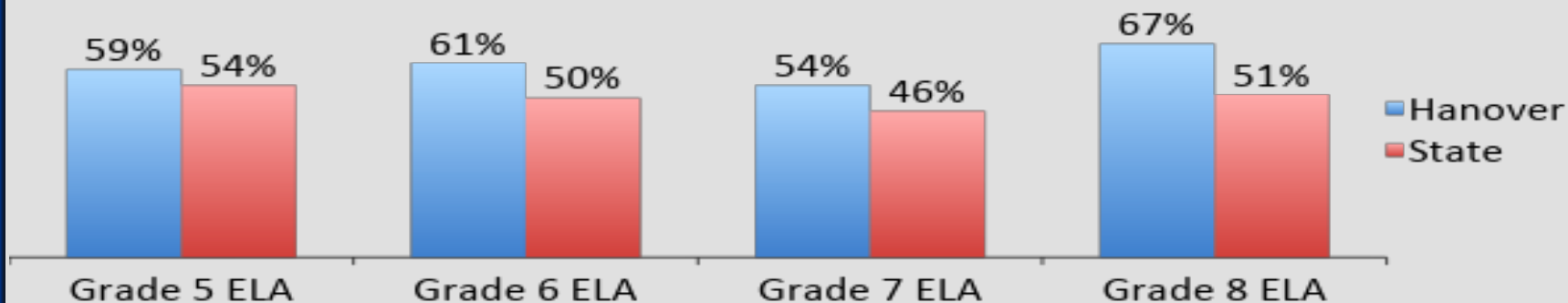
## 2018 Percentage of Students Meeting/Exceeding Expectations (Next-Gen MCAS)



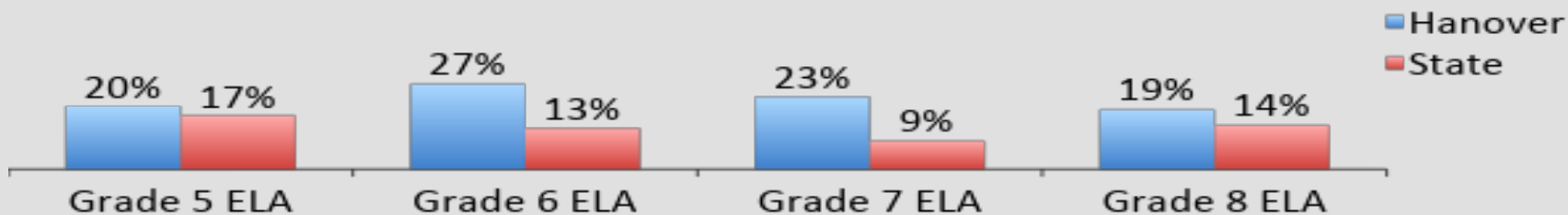
# 2018 Percentage of Students with Disabilities Meeting/Exceeding Expectations (Next-Gen MCAS)



# 2018 Percentage of Students Meeting/Exceeding Expectations (Next-Gen MCAS)

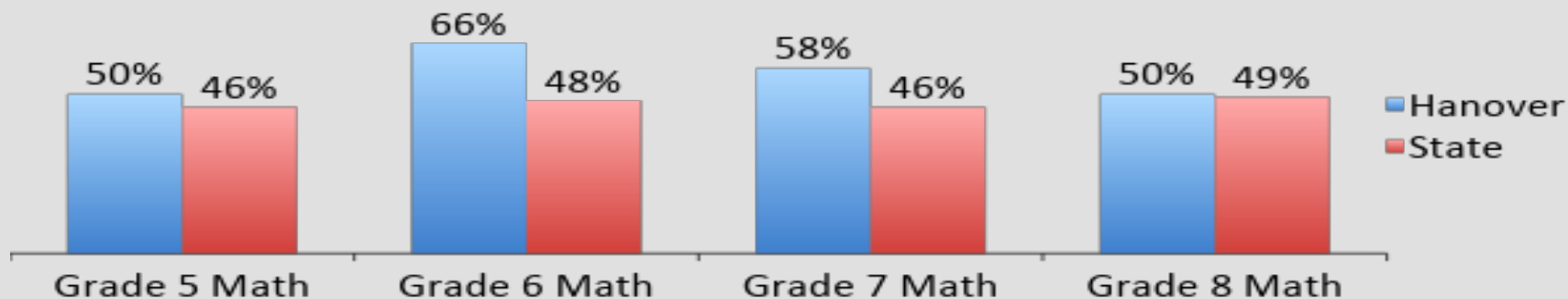


# 2018 Percentage of Students with Disabilities Meeting/Exceeding Expectations (Next-Gen MCAS)

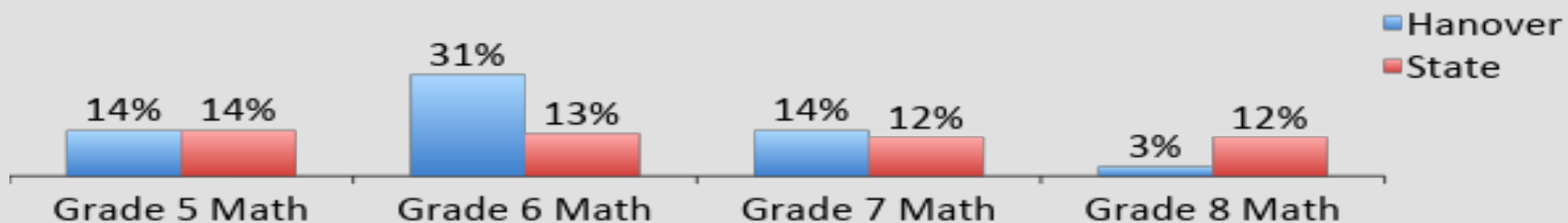




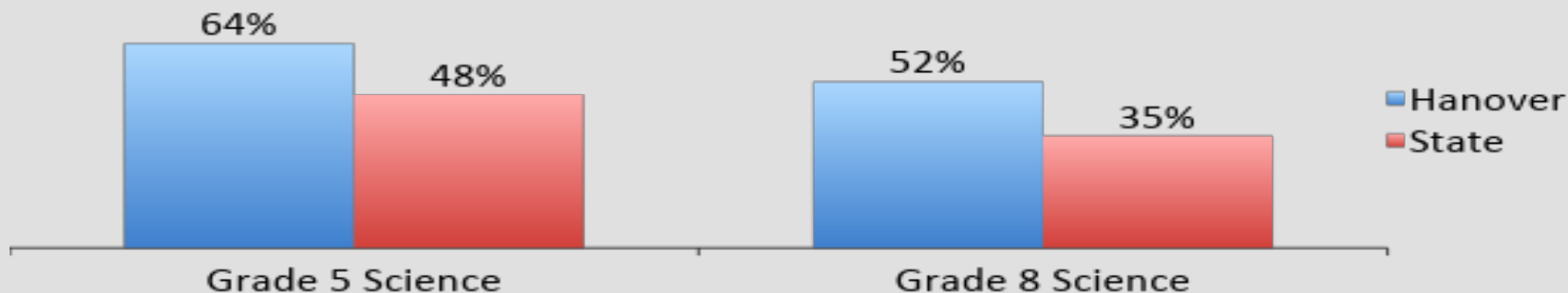
# 2018 Percentage of Students Meeting/Exceeding Expectations (Next-Gen MCAS)



# 2018 Percentage of Student with Disabilities Meeting/Exceeding Expectations (Next-Gen MCAS)

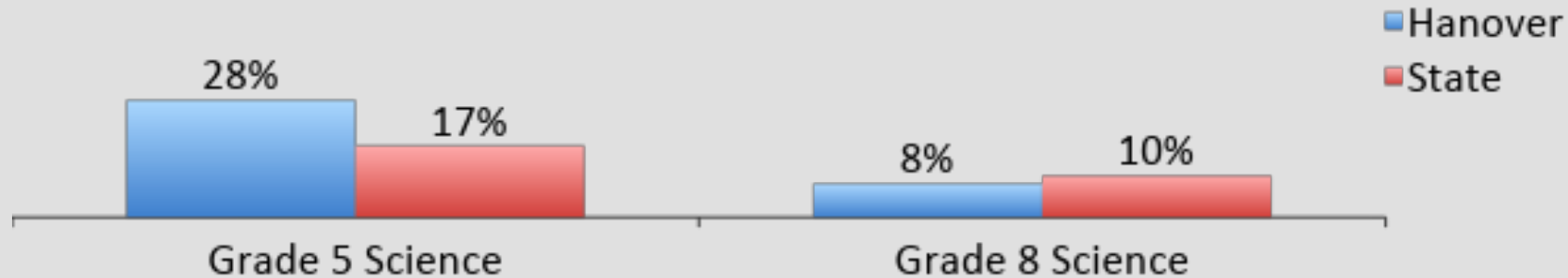


# 2018 Percentage of Students Proficient/Advanced Expectations (Legacy MCAS)

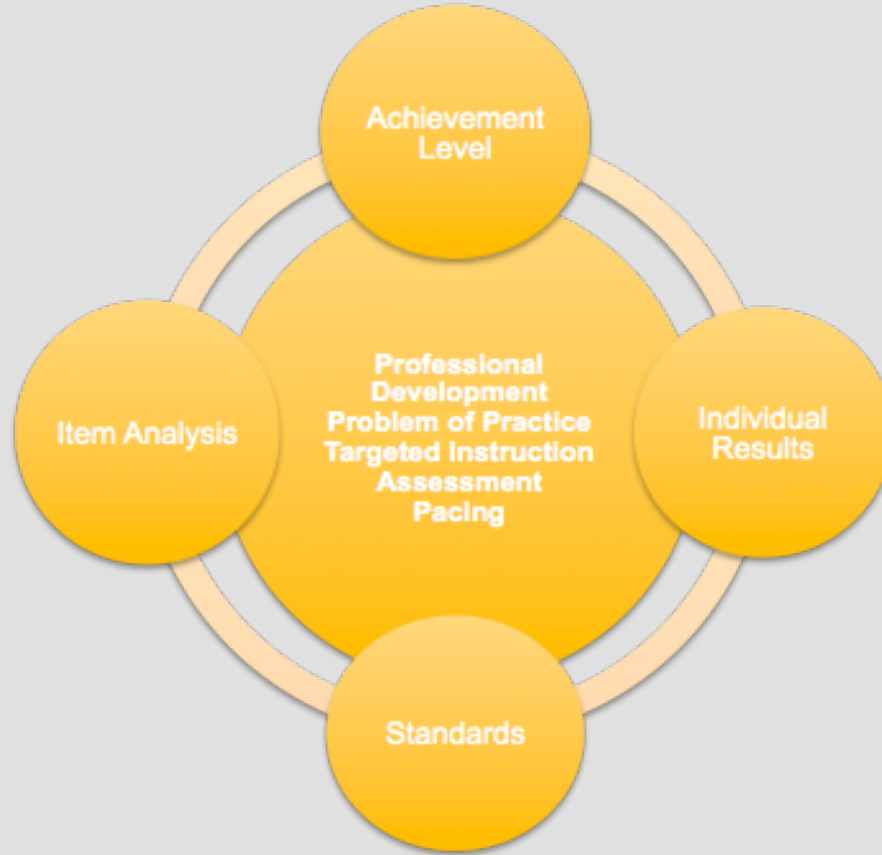




## 2018 Percentage of Students with Disabilities Proficient/Advanced Expectations (Legacy MCAS)



# Reflection and Planning





# How Do I Learn More?

MCAS Parents Page <http://www.doe.mass.edu/mcas/parents/>

- Resources include:
  - Annotated Parent/Guardian Report
  - Frequently Asked Questions (FAQs)
  - Item Descriptions

MCAS Parent Guide (available in several languages):

<http://www.doe.mass.edu/commissioner/Back-to-School/>