



# Manchester Essex Regional School District Fall Data Presentation

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November 6, 2018

# AP Scores 2018

## Manchester Essex Regional High School (221315)

Total AP Students in Your School: 145

School Totals for this View	5	4	3	2	1	Total Exams
Number of Exams	74	94	85	51	21	325
Percentage of Total Exams	23	29	26	16	6	100
Number of AP Students	42	73	67	46	19	

Subject Totals	5	4	3	2	1	Total Exams
Studio Art: 2-D Design Portfolio	2	2				4
English Language and Composition	10	9	6	3		28
English Literature and Composition	3	6	3			12
Comparative Government and Politics	3	2	5	6	4	20
Human Geography			1			1
Psychology	10	19	7	5	2	43
United States Government and Politics		2	8	6	1	17
United States History	5	9	12	4	1	31
Calculus AB	6	2	8	2		18
Computer Science A	1	2		3		6
Statistics	11	6				17

# AP Scores 2018

## Manchester Essex Regional High School (221315)

Subject Totals	5	4	3	2	1	Total Exams
Biology	4	5	14	2		25
Chemistry	2	1		11	7	21
Environmental Science	2	11	3	6	2	24
Physics C: Mechanics	2	1	6	3	4	16
French Language and Culture	3	4	5			12
Spanish Language and Culture	8	8	4			20
Spanish Literature and Culture	2	5	3			10

# 5 Year AP Trends

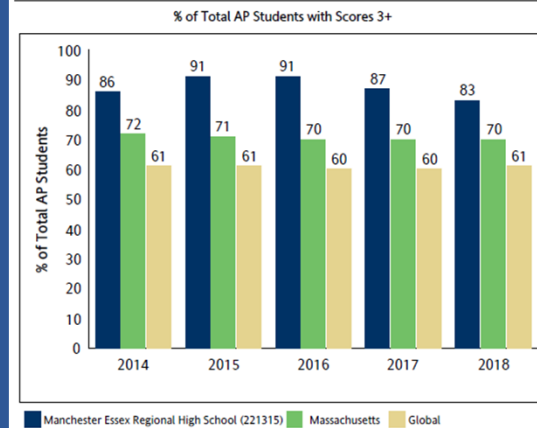
## AP® Five-Year School Score Summary (2018)

Print / Download Options

This report shows five years of data at the school, state and global levels. On the first page, a graph illustrates the year-over-year change in the percentage of AP students with scores of 3 or higher, next to a table that provides the overall total exams, total unique students and both the number and percentage of AP students with one or more scores of 3 or higher. On subsequent pages, the report provides subject-specific summary data by year: total exams, total exams by score and mean score.

✓ Data Updated Jul 24, 2018, Report Run Oct 31, 2018

### Manchester Essex Regional High School (221315)



	2014	2015	2016	2017	2018
Manchester Essex Regional High School (221315)					
Total AP Students	144	137	126	128	145
Number of Exams	307	305	283	313	325
AP Students with Scores 3+	124	124	115	111	120
% of Total AP Students with Scores 3+	86.1	90.5	91.3	86.7	82.8
Massachusetts					
Total AP Students	55,975	59,696	62,149	65,262	66,878
Number of Exams	101,176	109,592	114,573	120,531	125,236
AP Students with Scores 3+	40,423	42,343	43,814	45,409	46,686
% of Total AP Students with Scores 3+	72.2	70.9	70.5	69.6	69.8
Global					
Total AP Students	2,352,026	2,497,164	2,625,319	2,762,293	2,832,808
Number of Exams	4,199,454	4,516,044	4,741,566	5,006,273	5,145,209
AP Students with Scores 3+	1,442,136	1,515,264	1,583,115	1,666,078	1,737,019
% of Total AP Students with Scores 3+	61.3	60.7	60.3	60.3	61.3

"Success" on an AP Exam is defined as an exam score of 3 or higher, which represents the score point that research finds predictive of college success and college graduation. These findings have held consistent across the decades. One example of such a study comes from the National Center for Educational Accountability, which found that an AP Exam score, and a score of 3 or higher in particular, is a strong predictor of a student's ability to persist in college and earn a bachelor's degree.

The data in this report differs from other College Board reports, such as *The AP Cohort Data Report*, which tracks exams taken by seniors throughout their time in high school (cohort-based) and includes public school data only.



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# SAT Scores 2018



2018 SAT Suite Annual Report  
Manchester Essex Regional High School

## SAT Participation and Performance: Score Distributions

Data reflect 2018 high school graduates who took the new SAT during high school. If a student took the SAT more than once, the most recent score is summarized.

### Total and Section Scores

Total Score			ERW			Math		
1400–1600	14	16%	700–800	14	16%	700–800	14	16%
1200–1390	34	40%	600–690	34	40%	600–690	36	42%
1000–1190	29	34%	500–590	30	35%	500–590	27	32%
800–990	6	7%	400–490	6	7%	400–490	7	8%
600–790	2		300–390	1		300–390	1	
400–590	0		200–290	0		200–290	0	
Mean	1212		Mean	608		Mean	604	
SD	166		SD	88		SD	87	

### Cross-Test Scores

	Analysis in History/Social Studies	Analysis in Science
35–40	13	16
30–34	42	38
25–29	22	21
20–24	7	8
15–19	1	2
10–14	0	0
Mean	30	31
SD	4	5

### Test Scores

	Reading	Writing and Language	Math
35–40	14	16	14
30–34.5	35	36	36
25–29.5	27	26	27
20–24.5	8	5	7
15–19.5	1	2	1
10–14.5	0	0	0
Mean	30	31	30
SD	4	5	4

### Subscores

	Words in Context	Command of Evidence	Expression of Ideas	Standard English Conventions	Heart of Algebra	Problem Solving and Data Analysis	Passport to Advanced Mathematics
13–15	25	20	26	18	22	20	22
10–12	44	35	42	37	38	41	32
7–9	12	24	14	20	23	19	22
4–6	4	6	2	9	2	4	8
1–3	0	0	1	1	0	1	1
Mean	11	11	11	10	11	11	10
SD	2	2	2	3	2	2	3

### Essay

	8	7	6	5	4	3	2	Mean	SD
Reading	3	8	30	16	7	2	0	6	1
Analysis	0	4	15	17	19	5	6	5	1
Writing	3	5	37	19	2	0	0	6	1

# SAT Scores Summary 2018

## **SAT: 85 students**

- Evidence Based Reading & Writing: 608 (605-2017)
- Math: 604 (608-2017)
- Average: 1212

## **ACT: 56 kids**

- English: 26.3
- Math: 26.0
- Reading: 26.3
- Science: 24.1
- Composite: 25.8 (20.8 is national average)

Background and Information

Legacy vs. Next-Generation

Grades 3-8 vs. High School

**NEXT-GENERATION MCAS 2018**

# What is the Next-Generation MCAS?

- Updated version of the nearly 20-year-old MCAS assessment
- Focuses on students' **critical thinking abilities, application of knowledge**, and ability to make **connections between reading and writing**
- Gives a **clearer signal of readiness** for the next grade level or college and career
- Designed to be given on a **computer** (though paper versions remain available)
- First given in **spring 2017** in grades 3-8 in English language arts and math
- Will eventually replace all older (“legacy”) MCAS tests in grades 3-10



# Next-Generation MCAS 2018

- Collects performance on all accountability indicators:
  - MCAS achievement, MCAS growth, ACCESS growth, graduation rates, dropout rates, dropout reengagement
- Progress & Performance Index (PPI) data
- School percentiles
- Accountability & assistance levels (1-5)
- Schools identified for low or very low assessment participation
- Schools identified for persistently low graduation rates
- High school (grades 9-12, not administering Next-Generation MCAS)

# New MCAS Achievement Levels

## ★ Legacy

### **Advanced (260-280)**

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

### **Proficient (240-258)**

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

### **Needs Improvement (220-238)**

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

### **Warning (200-218)**

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

## ★ Next-Generation

### **Exceeding Expectations (530-560)**

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

### **Meeting Expectations (500-529)**

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 (470-499)**

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 (440-469)**

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.

# Example of Score Reporting

Name: Doe, Jonathan H.  
SASID: 1234567890

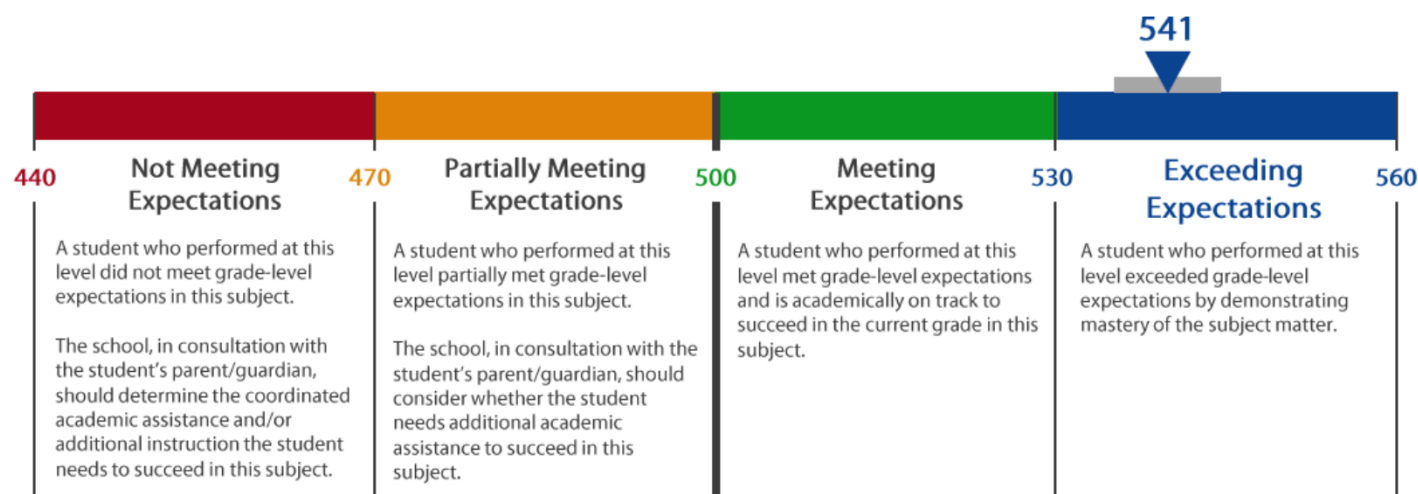
Grade 8  
Spring 2017


## Mathematics Results

Computer-based test

Your Child's Achievement Level: **Exceeding Expectations**

Your Child's Score: **541**



 In the figure above, the triangle indicates your child's score on the test. The gray bar shows the range of likely scores your child would receive if he or she took the test multiple times.

### How your child performed compared to the school, district, and state

Your Child's Score	Average Score		
	School	District	State
<b>541</b>	<b>485</b>	<b>502</b>	<b>515</b>

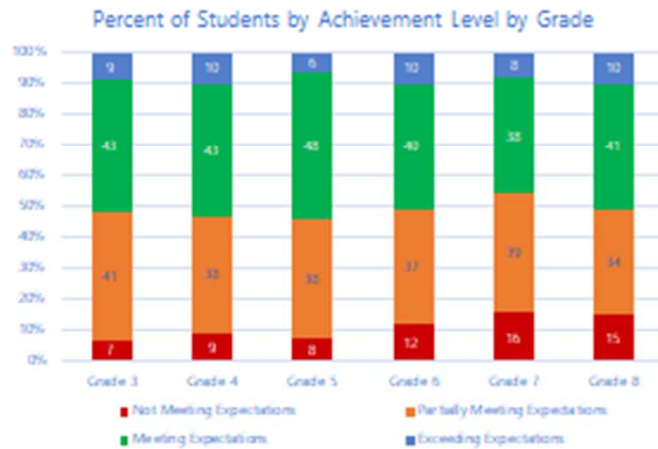
## Why Did My Child Score Proficient on the Older MCAS but Only Partially Meeting Expectations This Year?

- In general, the new standards for Meeting Expectations are **more rigorous** than the standards for reaching the Proficient level on the legacy MCAS.
- **Massachusetts educators** set the new standards to help **signal students' readiness** for the next grade level.
- **Look closely at where your child's score falls** within the Partially Meeting Expectations category. If it isn't close to Meeting Expectations, talk with your child's teacher about how you can work together to help your child catch up.

# Statewide 2018 Results for Grades 3-8 ELA: Percent of students in each achievement level

## 2018 English Language Arts

### Grades 3-8 Achievement



### 2017 – 2018 Change

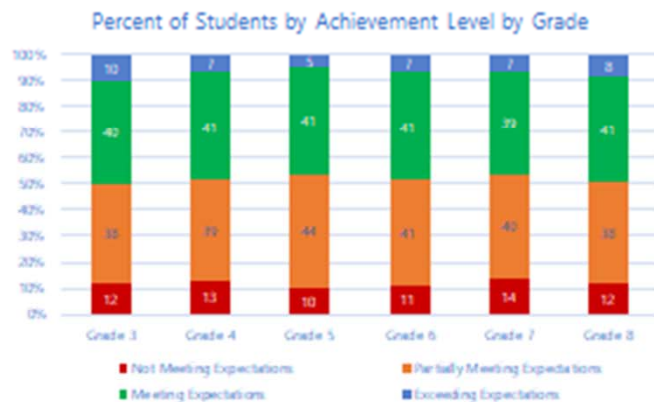
Grade	Average Scaled Scores		Scaled Score Change, 2017 to 2018
	2017	2018	
Grade 3	498.8	502.2	+3.4
Grade 4	499.2	501.8	+2.6
Grade 5	498.9	501.9	+3.0
Grade 6	499.4	501.0	+1.6
Grade 7	499.1	497.0	-2.1
Grade 8	498.8	499.1	+0.3
Grades 3-8	499.0	500.5	+1.5



# Statewide 2018 Results for Grades 3-8 Math: Percent of students in each achievement level

## 2018 Mathematics

### Grades 3-8 Achievement



### 2017 – 2018 Change

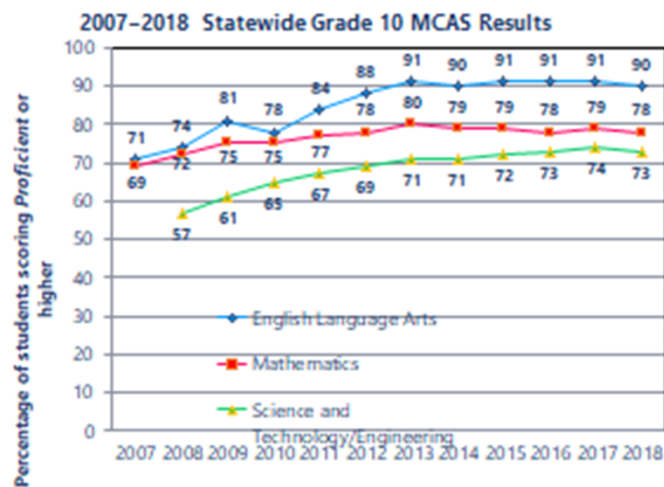
Grade	Average Scaled Scores		Scaled Score Change, 2017 to 2018
	2017	2018	
Grade 3	498.8	499.9	+1.1
Grade 4	498.0	497.9	-0.1
Grade 5	498.6	497.5	-1.1
Grade 6	499.2	498.6	-0.6
Grade 7	498.6	497.5	-1.1
Grade 8	499.6	498.8	-0.8
Grades 3-8	498.8	498.4	-0.4



# Statewide 2018 Results for Grades 10 and Science: Percent of students in each achievement level

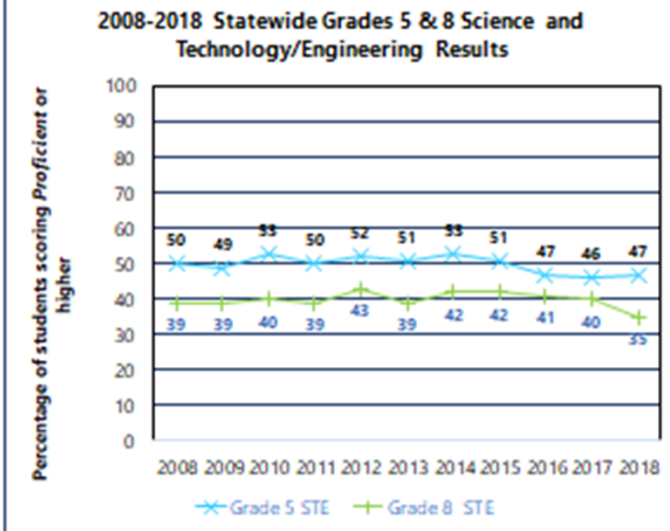
## MCAS Legacy Results

### Grade 10



Massachusetts Department of Elementary and Secondary Education

### Grade 5 & 8 Science & Tech/Eng

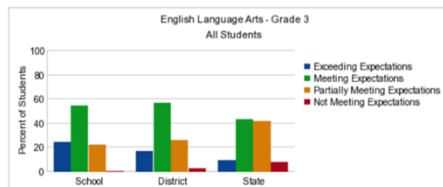


# Essex Elementary School Data

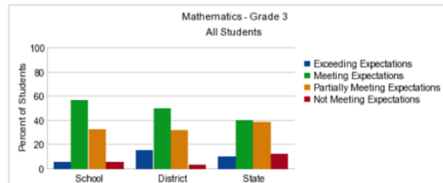
## Grade 3

### All Students

English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	9	24	16	9
Meeting Expectations	20	54	56	43
Partially Meeting Expectations	8	22	25	41
Not Meeting Expectations	0	-	2	7
Total Included	37			



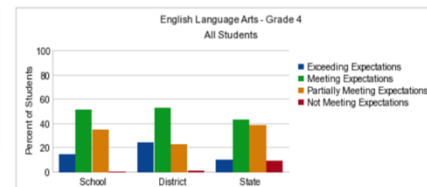
Mathematics	N Included	% School	% District	% State
Exceeding Expectations	2	5	15	10
Meeting Expectations	21	57	49	40
Partially Meeting Expectations	12	32	32	38
Not Meeting Expectations	2	5	3	12
Total Included	37			



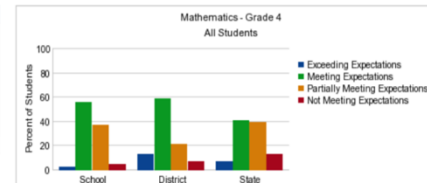
## Grade 4

### All Students

English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	6	14	24	10
Meeting Expectations	22	51	53	43
Partially Meeting Expectations	15	35	22	38
Not Meeting Expectations	0	-	1	9
Total Included	43			



Mathematics	N Included	% School	% District	% State
Exceeding Expectations	1	2	12	7
Meeting Expectations	24	56	59	41
Partially Meeting Expectations	16	37	21	39
Not Meeting Expectations	2	5	7	13
Total Included	43			



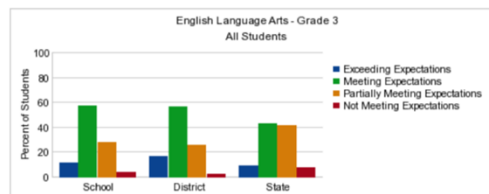


# Memorial School Data

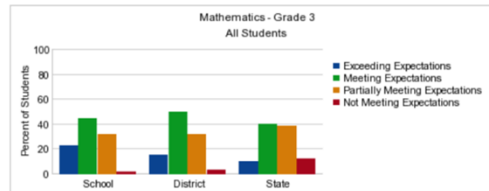
## Grade 3

### All Students

English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	6	11	16	9
Meeting Expectations	31	57	56	43
Partially Meeting Expectations	15	28	25	41
Not Meeting Expectations	2	4	2	7
Total Included	54			



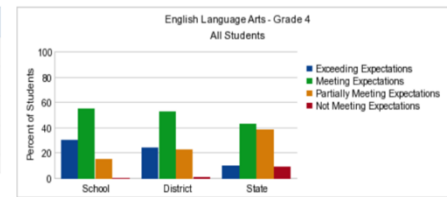
Mathematics	N Included	% School	% District	% State
Exceeding Expectations	12	22	15	10
Meeting Expectations	24	44	49	40
Partially Meeting Expectations	17	31	32	38
Not Meeting Expectations	1	2	3	12
Total Included	54			



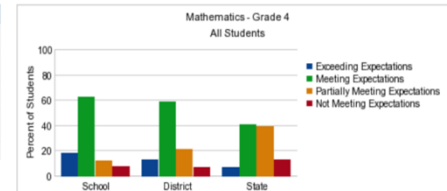
## Grade 4

### All Students

English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	20	30	24	10
Meeting Expectations	36	55	53	43
Partially Meeting Expectations	10	15	22	38
Not Meeting Expectations	0	-	1	9
Total Included	66			



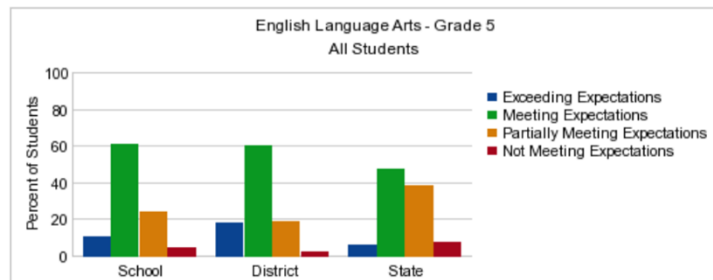
Mathematics	N Included	% School	% District	% State
Exceeding Expectations	12	18	12	7
Meeting Expectations	41	62	59	41
Partially Meeting Expectations	8	12	21	39
Not Meeting Expectations	5	8	7	13
Total Included	66			



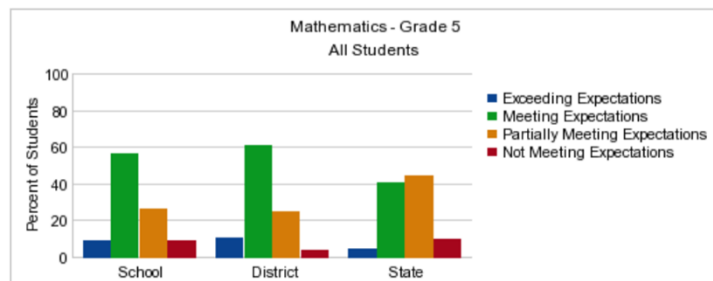
# Essex School Data Grade 5

## All Students

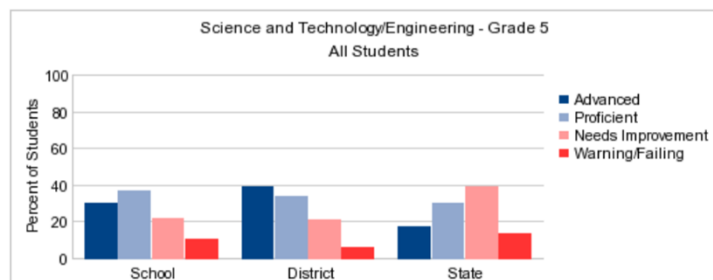
English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	5	11	18	6
Meeting Expectations	28	61	60	48
Partially Meeting Expectations	11	24	19	38
Not Meeting Expectations	2	4	2	8
Total Included	46			



Mathematics	N Included	% School	% District	% State
Exceeding Expectations	4	9	10	5
Meeting Expectations	26	57	61	41
Partially Meeting Expectations	12	26	25	44
Not Meeting Expectations	4	9	4	10
Total Included	46			



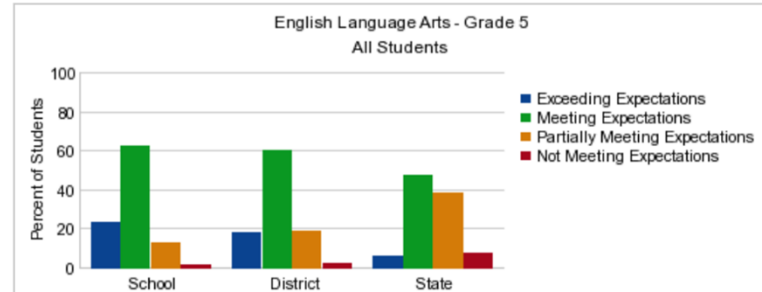
Science and Technology/Engineering	N Included	% School	% District	% State
Advanced	14	30	39	18
Proficient	17	37	34	30
Needs Improvement	10	22	21	39
Warning/Failing	5	11	6	13
Total Included	46			



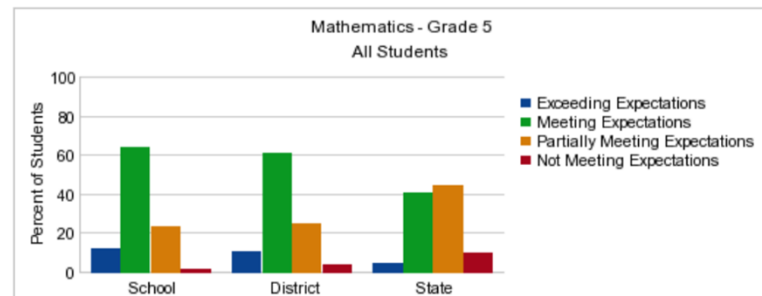
# Memorial School Data Grade 5

## All Students

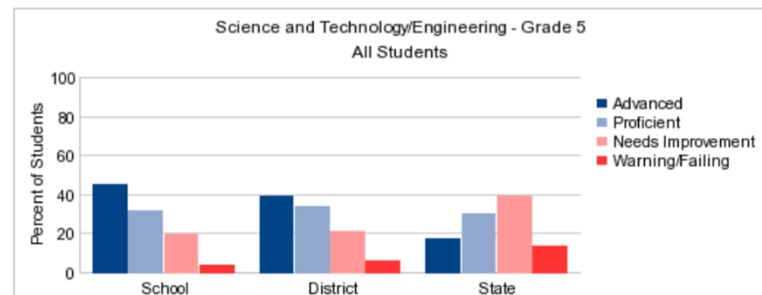
English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	18	23	18	6
Meeting Expectations	48	62	60	48
Partially Meeting Expectations	10	13	19	38
Not Meeting Expectations	1	1	2	8
Total Included	77			



Mathematics	N Included	% School	% District	% State
Exceeding Expectations	9	12	10	5
Meeting Expectations	49	64	61	41
Partially Meeting Expectations	18	23	25	44
Not Meeting Expectations	1	1	4	10
Total Included	77			



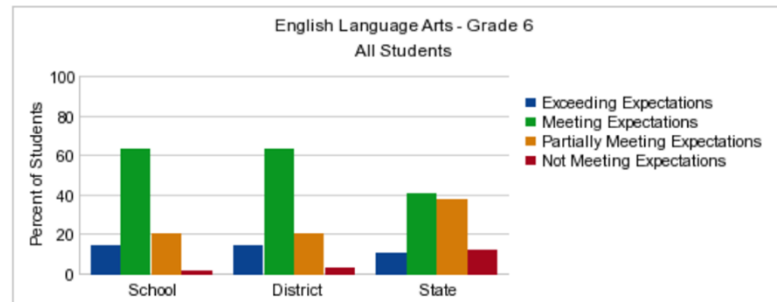
Science and Technology/Engineering	N Included	% School	% District	% State
Advanced	34	45	39	18
Proficient	24	32	34	30
Needs Improvement	15	20	21	39
Warning/Failing	3	4	6	13
Total Included	76			



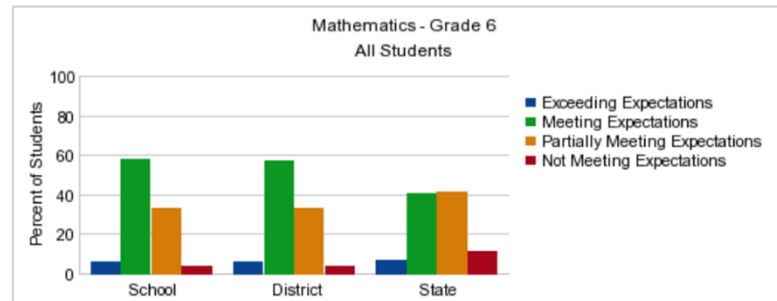
# Middle School Data Grade 6

## All Students

English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	16	14	14	10
Meeting Expectations	71	63	63	40
Partially Meeting Expectations	23	21	20	37
Not Meeting Expectations	2	2	3	12
Total Included	112			



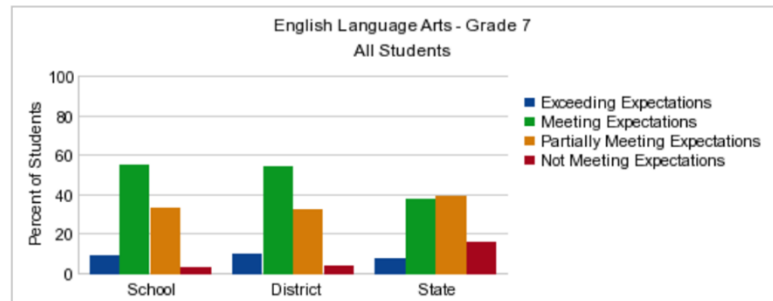
Mathematics	N Included	% School	% District	% State
Exceeding Expectations	7	6	6	7
Meeting Expectations	65	58	57	41
Partially Meeting Expectations	37	33	33	42
Not Meeting Expectations	4	4	4	11
Total Included	113			



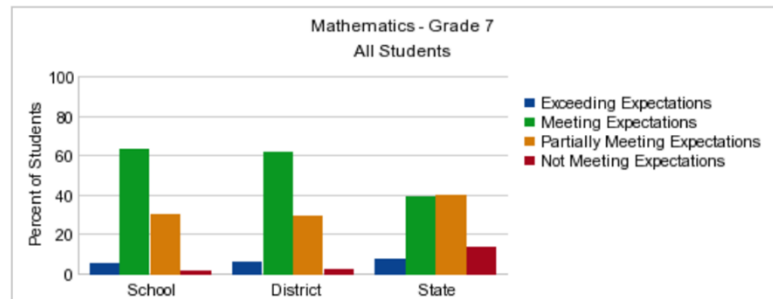
# Middle School Data Grade 7

## All Students

English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	11	9	10	8
Meeting Expectations	67	55	54	38
Partially Meeting Expectations	40	33	33	39
Not Meeting Expectations	4	3	4	15
Total Included	122			



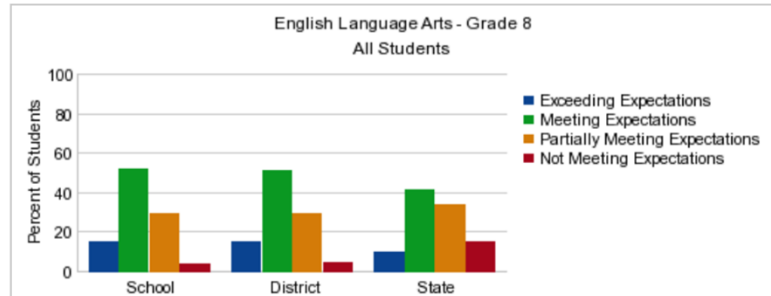
Mathematics	N Included	% School	% District	% State
Exceeding Expectations	7	6	6	7
Meeting Expectations	78	63	62	39
Partially Meeting Expectations	37	30	30	40
Not Meeting Expectations	2	2	2	14
Total Included	124			



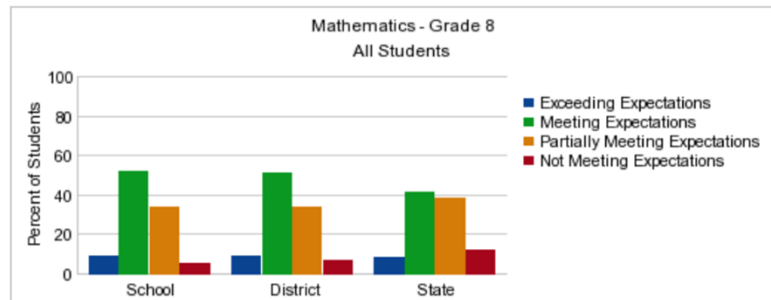
# Middle School Data Grade 8

## All Students

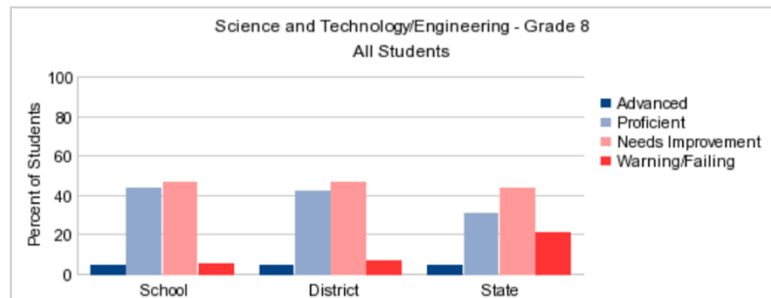
English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	20	15	15	10
Meeting Expectations	67	52	51	41
Partially Meeting Expectations	38	29	29	34
Not Meeting Expectations	5	4	4	15
Total Included	130			



Mathematics	N Included	% School	% District	% State
Exceeding Expectations	12	9	9	8
Meeting Expectations	67	52	51	41
Partially Meeting Expectations	44	34	34	38
Not Meeting Expectations	7	5	7	12
Total Included	130			



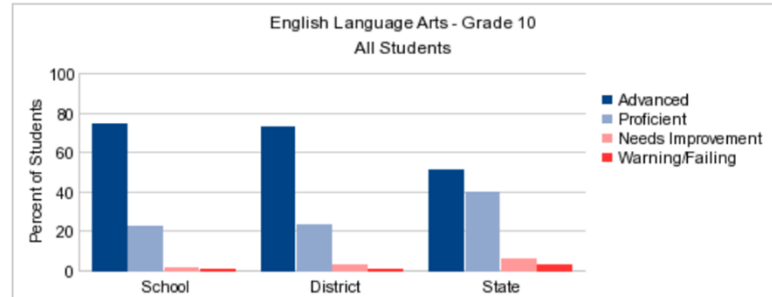
Science and Technology/Engineering	N Included	% School	% District	% State
Advanced	6	5	5	4
Proficient	56	43	42	31
Needs Improvement	60	47	47	44
Warning/Failing	7	5	7	21
Total Included	129			



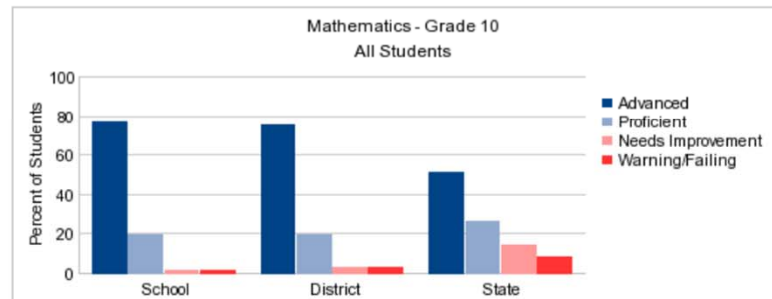
# High School Data Grade 10

## All Students

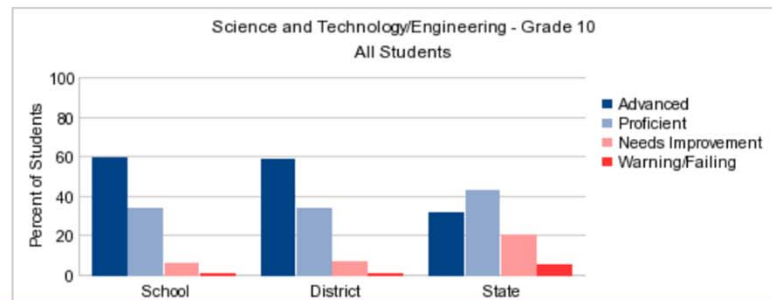
English Language Arts	N Included	% School	% District	% State
Advanced	82	75	73	51
Proficient	25	23	23	40
Needs Improvement	2	2	3	6
Warning/Failing	1	1	1	3
Total Included	110			



Mathematics	N Included	% School	% District	% State
Advanced	85	77	75	51
Proficient	22	20	19	27
Needs Improvement	2	2	3	14
Warning/Failing	2	2	3	8
Total Included	111			



Science and Technology/Engineering	N Included	% School	% District	% State
Advanced	63	59	59	32
Proficient	36	34	34	43
Needs Improvement	6	6	7	21
Warning/Failing	1	1	1	5
Total Included	106			



# 2018 Accountability System

- First year of the accountability system and the ESE will look to see if any changes or refinements are necessary
- Overall accountability classification for schools
  - 74% designated as “Not requiring assistance or intervention”
  - 14% designated as “Requiring assistance or intervention”
  - 12% designated as “Insufficient Data”
- Overall accountability classification for districts
  - 90% designated as “Not requiring assistance or intervention”
  - 7% designated as “Requiring assistance or intervention”
  - 3% designated as “Insufficient Data”



# 2018 Accountability

## 2018 Official Accountability Report - Essex Elementary

Organization Information	
<b>DISTRICT NAME</b> Manchester Essex Regional (06980000)	<b>TITLE I STATUS</b> Title I School
<b>SCHOOL</b> Essex Elementary (06980020)	<b>GRADES SERVED</b> K,01,02,03,04,05
<b>REGION</b> Coastal	<b>FEDERAL DESIGNATION</b> -

### Accountability Information

<b>Overall classification</b>	Not requiring assistance or intervention
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<b>Reason for classification</b>	Partially meeting targets
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Progress toward improvement targets	Accountability percentile
72% - Partially meeting targets	84

OVERALL AND SUBGROUP DATA	DETAILED DATA FOR EACH INDICATOR
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### Overall results

Progress toward improvement targets							
Indicator		All students (Non-high school grades)			Lowest performing students (Non-high school grades)		
		Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %
Achievement	English language arts achievement	4	4	-	4	4	-
	Mathematics achievement	1	4	-	4	4	-
	Science achievement	0	4	-	-	-	-
	Achievement total	5	12	67.5	8	8	67.5
Growth	English language arts growth	3	4	-	3	4	-
	Mathematics growth	3	4	-	3	4	-
	Growth total	6	8	22.5	6	8	22.5
High school completion	Four-year cohort graduation rate	-	-	-	-	-	-
	Extended engagement rate	-	-	-	-	-	-
	Annual dropout rate	-	-	-	-	-	-
	High school completion total	-	-	-	-	-	-
Progress toward attaining English language proficiency	English language proficiency total	-	-	-	-	-	-
Additional indicators	Chronic absenteeism	3	4	-	4	4	-
	Advanced coursework completion	-	-	-	-	-	-
	Additional indicators total	3	4	10.0	4	4	10.0
Weighted total		5.0	10.3	-	7.2	7.6	-
Percentage of possible points		49%		-	95%		-
Criterion-referenced target percentage		72%					
		Partially meeting targets					

## 2018 Official Accountability Report - Manchester Memorial Elementary

Organization Information	
<b>DISTRICT NAME</b> Manchester Essex Regional (06980000)	<b>TITLE I STATUS</b> Non-Title I School
<b>SCHOOL</b> Manchester Memorial Elementary (06980010)	<b>GRADES SERVED</b> PK,K,01,02,03,04,05
<b>REGION</b> Coastal	<b>FEDERAL DESIGNATION</b> -

### Accountability Information

<b>Overall classification</b>	Not requiring assistance or intervention
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<b>Reason for classification</b>	Meeting targets
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Progress toward improvement targets	Accountability percentile
95% - Meeting targets	96

OVERALL AND SUBGROUP DATA	DETAILED DATA FOR EACH INDICATOR
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### Overall results

Progress toward improvement targets							
Indicator		All students (Non-high school grades)			Lowest performing students (Non-high school grades)		
		Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %
Achievement	English language arts achievement	4	4	-	4	4	-
	Mathematics achievement	3	4	-	4	4	-
	Science achievement	4	4	-	-	-	-
	Achievement total	11	12	67.5	8	8	67.5
Growth	English language arts growth	4	4	-	4	4	-
	Mathematics growth	3	4	-	4	4	-
	Growth total	7	8	22.5	8	8	22.5
High school completion	Four-year cohort graduation rate	-	-	-	-	-	-
	Extended engagement rate	-	-	-	-	-	-
	Annual dropout rate	-	-	-	-	-	-
	High school completion total	-	-	-	-	-	-
Progress toward attaining English language proficiency	English language proficiency total	-	-	-	-	-	-
Additional indicators	Chronic absenteeism	4	4	-	3	4	-
	Advanced coursework completion	-	-	-	-	-	-
	Additional indicators total	4	4	10.0	3	4	10.0
Weighted total		9.4	10.3	-	7.5	7.6	-
Percentage of possible points		91%		-	99%		-
Criterion-referenced target percentage		95%					
		Meeting targets					

# 2018 Accountability

## 2018 Official Accountability Report - Manchester Essex Regional Middle School

Organization Information	
<b>DISTRICT NAME</b> Manchester Essex Regional (06980000)	<b>TITLE I STATUS</b> Title I School
<b>SCHOOL</b> Manchester Essex Regional Middle School (06980030)	<b>GRADES SERVED</b> 06,07,08
<b>REGION</b> Coastal	<b>FEDERAL DESIGNATION</b> -

### Accountability Information

Overall classification Not requiring assistance or intervention

### Reason for classification

Partially meeting targets

Progress toward improvement targets	Accountability percentile
35% - Partially meeting targets	65

OVERALL AND SUBGROUP DATA DETAILED DATA FOR EACH INDICATOR

### Overall results

Progress toward improvement targets							
Indicator		All students (Non-high school grades)			Lowest performing students (Non-high school grades)		
		Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %
Achievement	English language arts achievement	0	4	-	0	4	-
	Mathematics achievement	1	4	-	2	4	-
	Science achievement	2	4	-	-	-	-
	<b>Achievement total</b>	<b>3</b>	<b>12</b>	<b>67.5</b>	<b>2</b>	<b>8</b>	<b>67.5</b>
Growth	English language arts growth	3	4	-	3	4	-
	Mathematics growth	2	4	-	3	4	-
	<b>Growth total</b>	<b>5</b>	<b>8</b>	<b>22.5</b>	<b>6</b>	<b>8</b>	<b>22.5</b>
High school completion	Four-year cohort graduation rate	-	-	-	-	-	-
	Extended engagement rate	-	-	-	-	-	-
	Annual dropout rate	-	-	-	-	-	-
	<b>High school completion total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Progress toward attaining English language proficiency	English language proficiency total	-	-	-	-	-	-
Additional indicators	Chronic absenteeism	2	4	-	0	4	-
	Advanced coursework completion	-	-	-	-	-	-
	<b>Additional indicators total</b>	<b>2</b>	<b>4</b>	<b>10.0</b>	<b>0</b>	<b>4</b>	<b>10.0</b>
Weighted total		3.4	10.3	-	2.7	7.6	-
Percentage of possible points		33%			36%		
Criterion-referenced target percentage		35%			Partially meeting targets		

## 2018 Official Accountability Report - Manchester Essex Regional High School

Organization Information	
<b>DISTRICT NAME</b> Manchester Essex Regional (06980000)	<b>TITLE I STATUS</b> Non-Title I School
<b>SCHOOL</b> Manchester Essex Regional High School (06980510)	<b>GRADES SERVED</b> 09,10,11,12
<b>REGION</b> Coastal	<b>FEDERAL DESIGNATION</b> -

### Accountability Information

Overall classification Not requiring assistance or intervention

### Reason for classification

Partially meeting targets

Progress toward improvement targets	Accountability percentile
71% - Partially meeting targets	90

OVERALL AND SUBGROUP DATA DETAILED DATA FOR EACH INDICATOR

### Overall results

Progress toward improvement targets							
Indicator		All students (High school grades)			Lowest performing students (High school grades)		
		Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %
Achievement	English language arts achievement	4	4	-	4	4	-
	Mathematics achievement	4	4	-	3	4	-
	Science achievement	4	4	-	0	4	-
	<b>Achievement total</b>	<b>12</b>	<b>12</b>	<b>47.5</b>	<b>7</b>	<b>12</b>	<b>67.5</b>
Growth	English language arts growth	2	4	-	2	4	-
	Mathematics growth	3	4	-	2	4	-
	<b>Growth total</b>	<b>5</b>	<b>8</b>	<b>22.5</b>	<b>4</b>	<b>8</b>	<b>22.5</b>
High school completion	Four-year cohort graduation rate	3	4	-	-	-	-
	Extended engagement rate	3	4	-	-	-	-
	Annual dropout rate	3	4	-	-	-	-
	<b>High school completion total</b>	<b>9</b>	<b>12</b>	<b>20.0</b>	<b>-</b>	<b>-</b>	<b>-</b>
Progress toward attaining English language proficiency	English language proficiency total	-	-	-	-	-	-
Additional indicators	Chronic absenteeism	3	4	-	0	4	-
	Advanced coursework completion	4	4	-	-	-	-
	<b>Additional indicators total</b>	<b>7</b>	<b>8</b>	<b>10.0</b>	<b>0</b>	<b>4</b>	<b>10.0</b>
Weighted total		9.3	10.7	-	5.6	10.3	-
Percentage of possible points		87%			54%		
Criterion-referenced target percentage		71%			Partially meeting targets		

# 2018 Accountability

- 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”

## DESE Recommendations

### Do not:

- Compare 2018 accountability data to historical accountability results (percentiles, performance against targets, etc.)
  - Additional indicators, fewer years of data, different comparison groups
- Equate 2018 accountability categories with historical accountability & assistance levels
  - No crosswalk between categories & levels

# What are we learning from the data?

- 1) Baseline and Longitudinal Data
- 2) Trends
- 3) Rigor and Academics
- 4) Curriculum Alignment and Coherence
- 5) Whole Child
- 6) New Look at Data: MERSD Analytics

# Trends

## ELA: Gr 6-8

- Essay/Extended Writing
- Write comparison essays vs. writing narratives
- Finding and using textual evidence
- Understanding nuance, inference, and meaning in complex text

## Math: Gr 3-8

- Short answer
- Place value
- Operations & Algebraic Thinking : Solve problems using 4 operations
- Multiply and divide within 100
- Numbers and Operations: Adding, subtracting, and converting decimal notations to fractions
- Use properties of operations to generate equivalent expressions

## Science: Gr 3-8

- Earth and the solar system
- Heat transfer in the earth system

# Vertical & Horizontal Curriculum Alignment

- Reorganize curriculum review cycle
- Coordinate.....
- ELA Task Force-Ongoing
  - K-8 ELA (2018-2019)
  - K-8 Math (2019-2020)
  - K-6 (2019-2020)

# Next Steps

- Review K-12 curriculum and content alignment to the new 2017 MA ELA, mathematics, and science standard expectations
- Assess K-12 vertical and horizontal curriculum alignment
- Determine next steps for curriculum review and adoption cycles
- Assess student work to determine grade-level expectations for writing
- Research instructional strategies to support the implementation of best practices in ELA, math, and science curricula
- Review assessments and interventions for students