

NORWELL PUBLIC SCHOOLS



ACCOUNTABILITY & MCAS

October 7, 2019

AGENDA

- Accountability and MCAS Overview
- District and School Results
- Moving Forward

Overview

ACCOUNTABILITY

An **accountability system** is the set of policies and practices that a **state** uses to measure and hold schools and districts responsible for raising student achievement for all students.

- ❑ Academic achievement measures
- ❑ Academic growth measures
- ❑ High School completion rate
- ❑ English language learner progress
- ❑ Attendance/Absenteeism
- ❑ Advanced coursework

MCAS

An statewide assessment that focuses on students' **critical thinking** abilities, **application of knowledge**, and **ability to make connections** between reading and writing.

- ❑ Grades 3-8, 10 ELA, Math, Science
- ❑ Computer-based
- ❑ Redesigned to reflect new curriculum standards and rigor
- ❑ Scoring recalibration
- ❑ A subset of Accountability

TIMELINE

September 18, 2019	Embargoed MCAS results available to district leaders
September 24, 2019	Official Accountability and MCAS reports released to public
September 30, 2019	Printed MCAS reports arrive in districts
October 4, 2019	MCAS reports sent to families
October 7, 2019	School Committee Presentation
Late December	District and School Accountability Report Cards available



ACCOUNTABILITY

Two major components of accountability

Every school receives two ratings

How do we compare to ourselves?

- **Progress toward targets**
- 4 options*

How do we compare to others?

- **Percentiles**
- 54th percentile statewide

- All indicators are considered.
- All indicators are weighted.
- All students are considered and weighted for all indicators.
- All student subgroups are considered and weighted for all indicators.
 - High needs, students with disabilities, economically disadvantaged, English language learners, lowest 25%

What are the indicators?

Indicator	Measures
Achievement	<ul style="list-style-type: none">• ELA, math, & science achievement
Student Growth	<ul style="list-style-type: none">• ELA/Math Student Growth Percentile (SGP)
High School Completion	<ul style="list-style-type: none">• Four-year cohort graduation rate• Extended engagement rate• Annual dropout rate
English Language Proficiency	<ul style="list-style-type: none">• Progress made by students towards attaining English language proficiency
Additional Indicators	<ul style="list-style-type: none">• Chronic absenteeism• Percentage of students completing advanced coursework
Participation	<ul style="list-style-type: none">• Required by all students, all subgroups, all subjects

Categorization of Schools

Not requiring assistance or intervention (~85%)

Requiring assistance or intervention (~15%)

Schools of recognition	Meeting or exceeding targets	Substantial progress toward targets	Moderate progress toward targets	Limited or no progress toward targets	Focused/ targeted support	Broad/ comprehensive support
Recognized for high achievement, high growth, or exceeding targets	Cumulative criterion-referenced target percentage 75-100	Cumulative criterion-referenced target percentage 50-74	Cumulative criterion-referenced target percentage 25-49	Cumulative criterion-referenced target percentage 0-24	<ul style="list-style-type: none"> •Percentiles 1-10 •Low graduation rate •Low performing subgroup(s) (percentiles 1-5) •Low participation 	<ul style="list-style-type: none"> •Underperforming schools •Chronically underperforming schools

DISTRICT

2019 Preliminary Accountability Report - Norwell

Organization Information

DISTRICT NAME Norwell (02190000)	TITLE I STATUS Title I District
REGION Coastal	GRADES SERVED PK,K,1,2,03,04,05,06,07,08

Only 16%
Met/Exceeded

Accountability Information

Overall classification Not requiring assistance or intervention

55% Substantial
Progress

Reason for classification

Meeting or exceeding targets

Progress toward improvement targets

79% - Meeting or exceeding targets

Accountability percentile

-

OVERALL RESULTS

SUBGROUP RESULTS

DETAILED DATA FOR EACH INDICATOR

SCHOOLS IN THIS DISTRICT

Overall progress toward improvement targets

	2018	2019
Annual criterion-referenced target percentage	76%	81%
Weight	40%	60%
Cumulative criterion-referenced target percentage (2018 x 40%) + (2019 x 60%)	79% Meeting or exceeding targets	

COLE ELEMENTARY

2019 Preliminary Accountability Report - Grace Farrar Cole

Organization Information

DISTRICT NAME Norwell (02190000)	TITLE I STATUS Non-Title I School
SCHOOL Grace Farrar Cole (02190005)	GRADES SERVED PK,K,01,02,03,04,05
REGION Coastal	FEDERAL DESIGNATION -

Accountability Information

Overall classification	Not requiring assistance or intervention	Met/Exceeded	
Reason for classification	Meeting or exceeding targets		
Progress toward improvement targets	93% - Meeting or exceeding targets	44% Substantial Progress	Accountability percentile
			93

OVERALL RESULTS

SUBGROUP RESULTS

DETAILED DATA FOR EACH INDICATOR

Overall progress toward improvement targets

	2018	2019
Annual criterion-referenced target percentage	93%	94%
Weight	40%	60%
Cumulative criterion-referenced target percentage (2018 x 40%) + (2019 x 60%)	93% Meeting or exceeding targets	

VINAL ELEMENTARY

2019 Preliminary Accountability Report - William G Vinal

Organization Information

DISTRICT NAME Norwell (02190000)	TITLE I STATUS Non-Title I School
SCHOOL William G Vinal (02190020)	GRADES SERVED PK,K,01,02,03,04,05
REGION Coastal	FEDERAL DESIGNATION -

Accountability Information

Overall classification Not requiring assistance or intervention

Reason for classification

Meeting or exceeding targets

Progress toward improvement targets	Accountability percentile
90% - Meeting or exceeding targets	84

OVERALL RESULTS

SUBGROUP RESULTS

DETAILED DATA FOR EACH INDICATOR

Overall progress toward improvement targets

	2018	2019
Annual criterion-referenced target percentage	93%	87%
Weight	40%	60%
Cumulative criterion-referenced target percentage (2018 x 40%) + (2019 x 60%)	90%	
	Meeting or exceeding targets	

NORWELL MIDDLE SCHOOL

2019 Preliminary Accountability Report - Norwell Middle School

Organization Information

DISTRICT NAME Norwell (02190000)	TITLE I STATUS Title I School
SCHOOL Norwell Middle School (02190405)	GRADES SERVED 06,07,08
REGION Coastal	FEDERAL DESIGNATION -

Accountability Information

Overall classification Not requiring assistance or intervention

Reason for classification

Substantial progress toward targets

Progress toward improvement targets	Accountability percentile
66% - Substantial progress toward targets	91

OVERALL RESULTS

SUBGROUP RESULTS

DETAILED DATA FOR EACH INDICATOR

Overall progress toward improvement targets

	2018	2019
Annual criterion-referenced target percentage	81%	56%
Weight	40%	60%
Cumulative criterion-referenced target percentage (2018 x 40%) + (2019 x 60%)	66%	
	Substantial progress toward targets	

NORWELL HIGH SCHOOL

2019 Preliminary Accountability Report - Norwell High

Organization Information

DISTRICT NAME Norwell (02190000)	TITLE I STATUS Non-Title I School
SCHOOL Norwell High (02190505)	GRADES SERVED 09,10,11,12
REGION Coastal	FEDERAL DESIGNATION -

Accountability Information

Overall classification Not requiring assistance or intervention

Reason for classification

Substantial progress toward targets

Progress toward improvement targets	Accountability percentile
70% - Substantial progress toward targets	93

OVERALL RESULTS


SUBGROUP RESULTS

DETAILED DATA FOR EACH INDICATOR

Overall progress toward improvement targets

	2018	2019
Annual criterion-referenced target percentage	41%	89%
Weight	40%	60%
Cumulative criterion-referenced target percentage (2018 x 40%) + (2019 x 60%)	70%	
	Substantial progress toward targets	

Accountability Summary

School	Classification	Reason for Classification	Progress toward targets	Accountability Percentile
 Cole	Not requiring assistance	Meeting or Exceeding targets	93%	93%
Vinal	Not requiring assistance	Meeting or Exceeding targets	90%	84%
Middle	Not requiring assistance	Substantially Meeting targets	66%	91%
High	Not requiring assistance	Substantially Meeting targets	70%	93%
District	Not requiring assistance or intervention	Meeting or Exceeding Targets	79%	NA

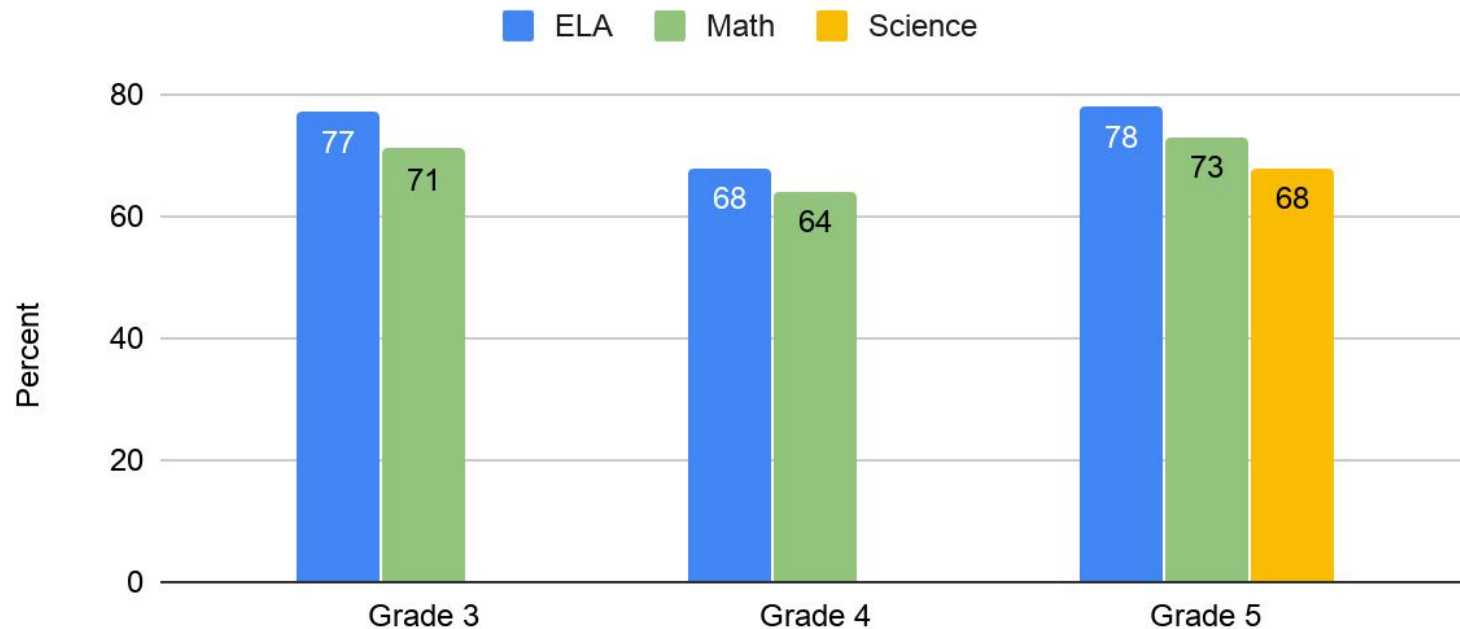




MCAS

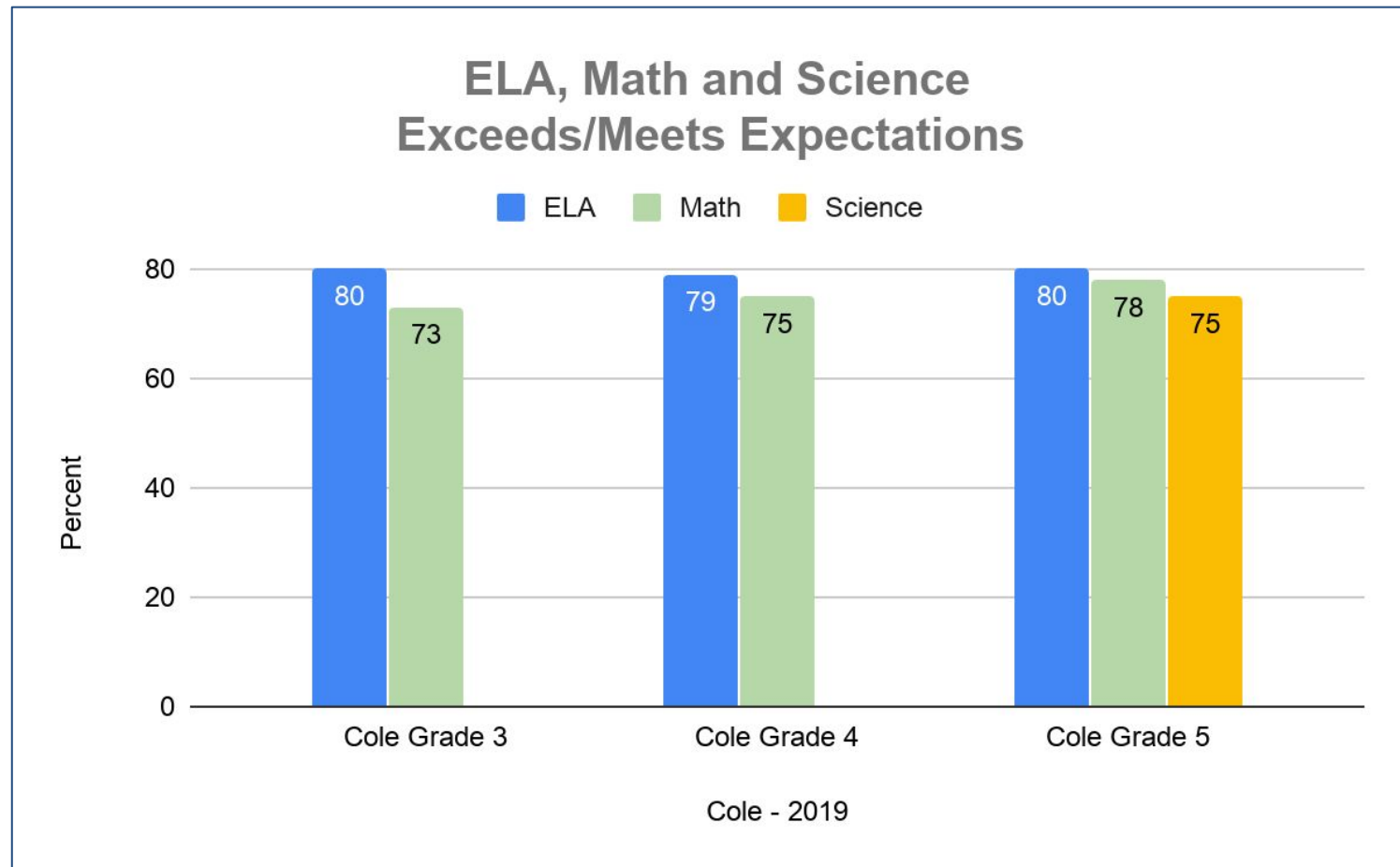
Elementary

Elementary ELA, Math and Science Exceeding/Meeting Expectations

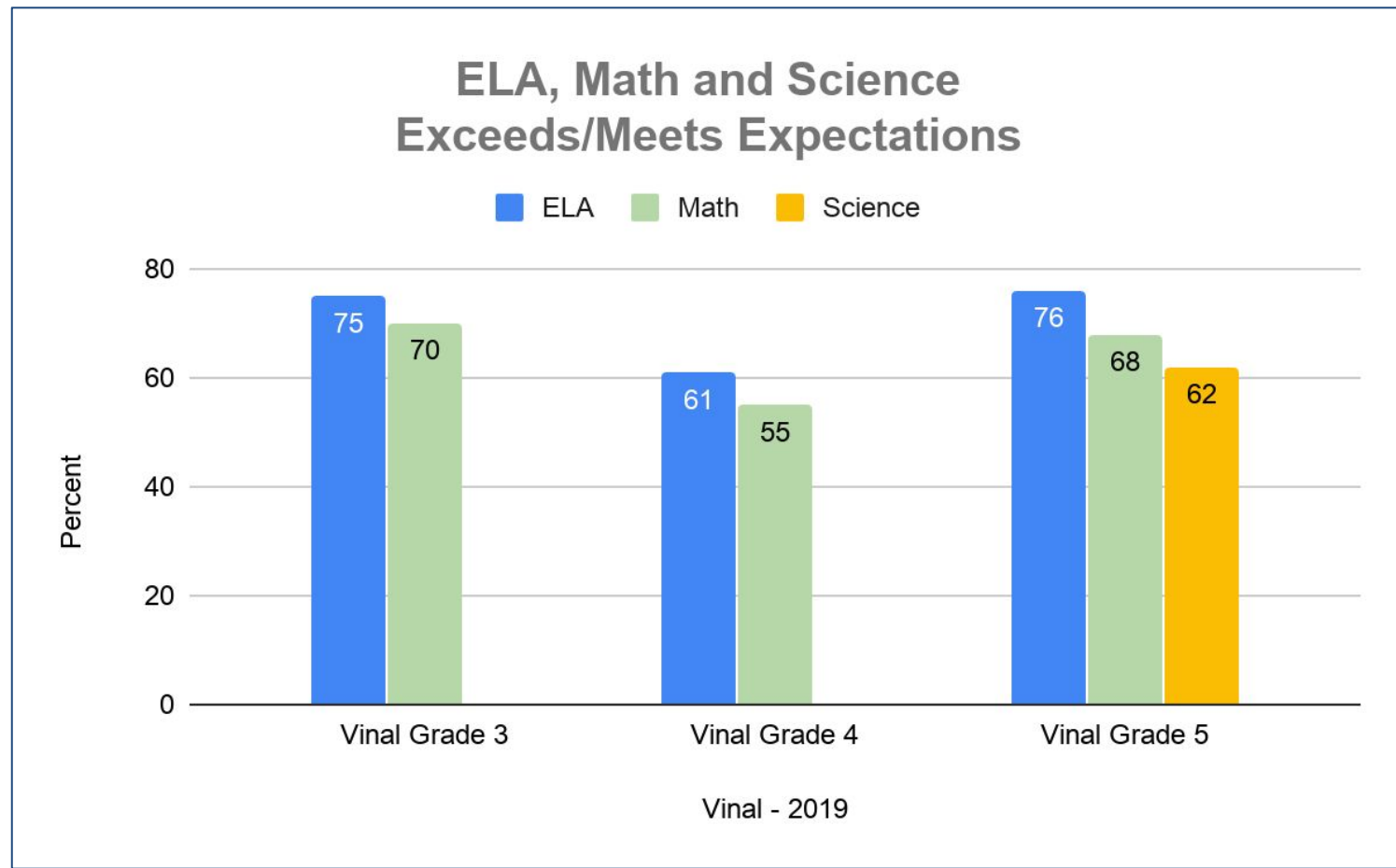


Elementary - 2019

Cole Elementary

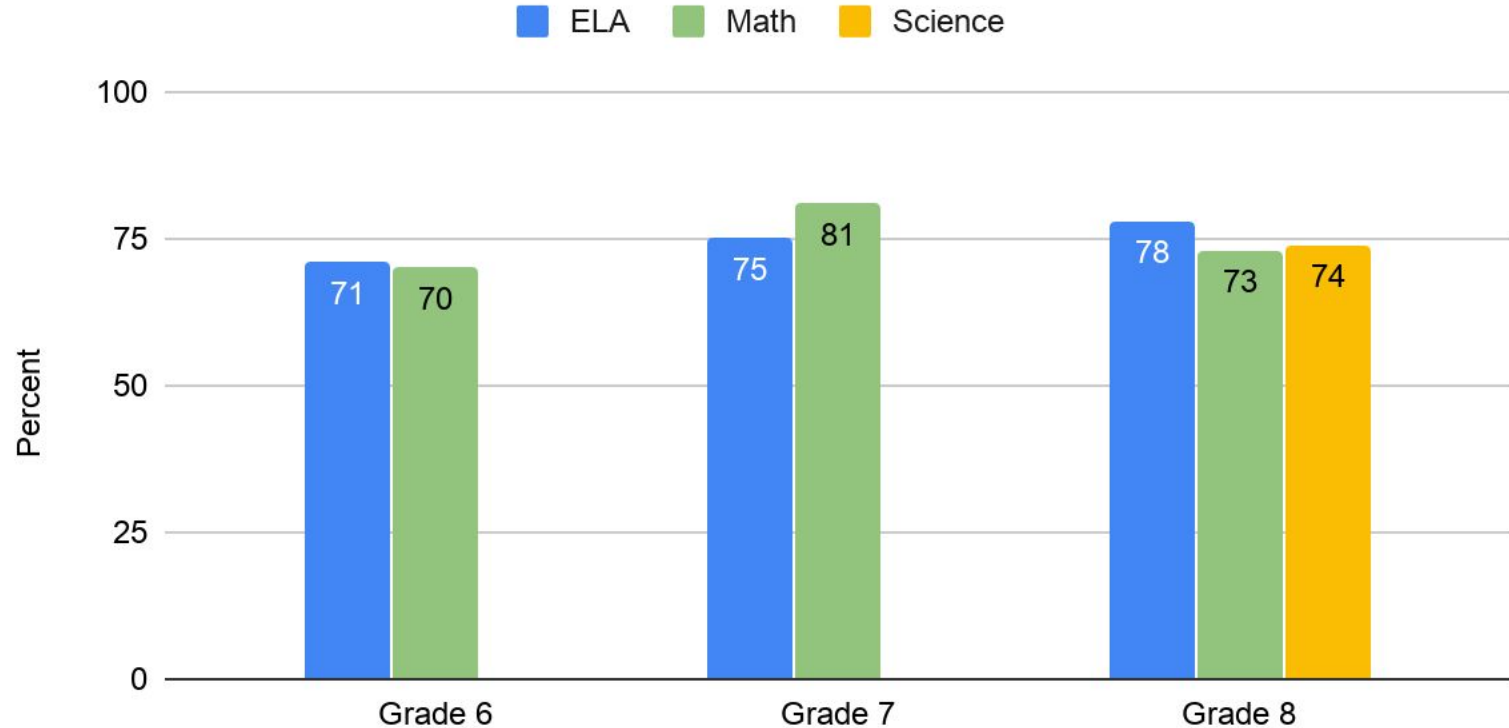


Vinal Elementary



Norwell Middle School

Middle School ELA, Math and Science Exceeds/Meets Expectations

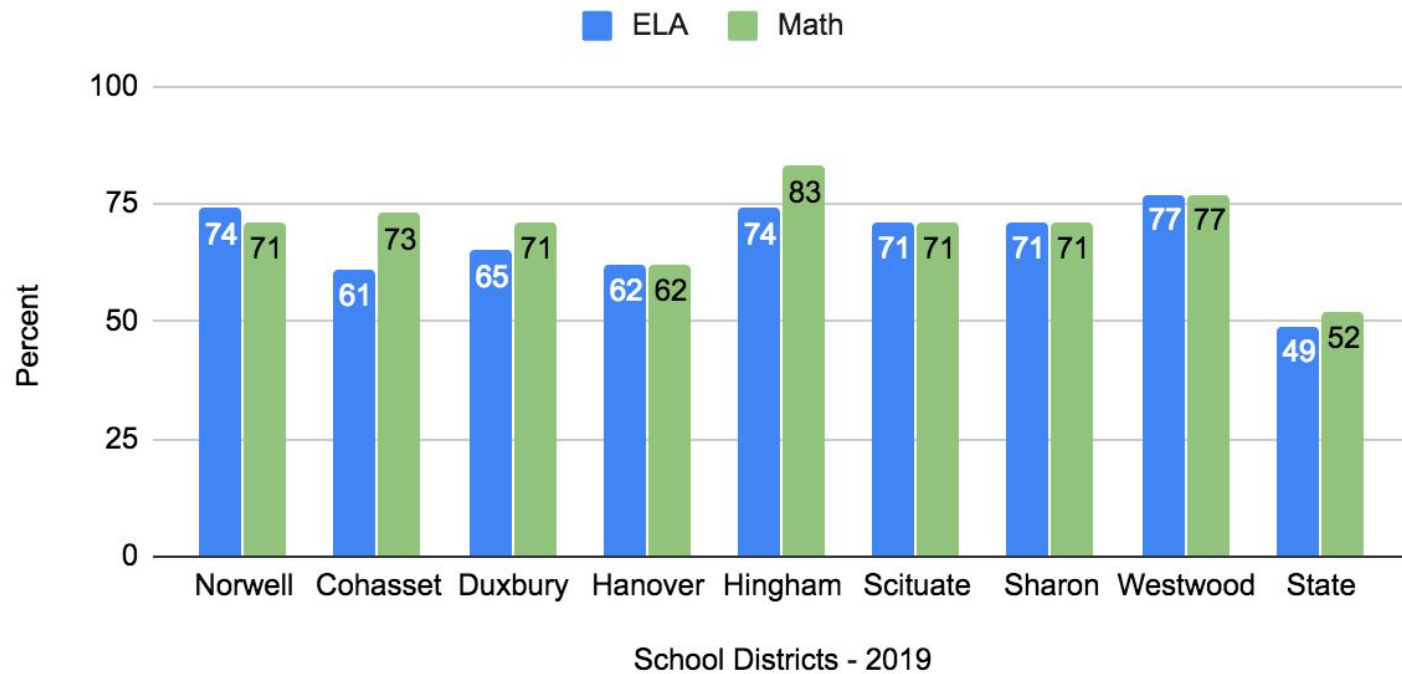


Grades 3-8 Cohort Trend

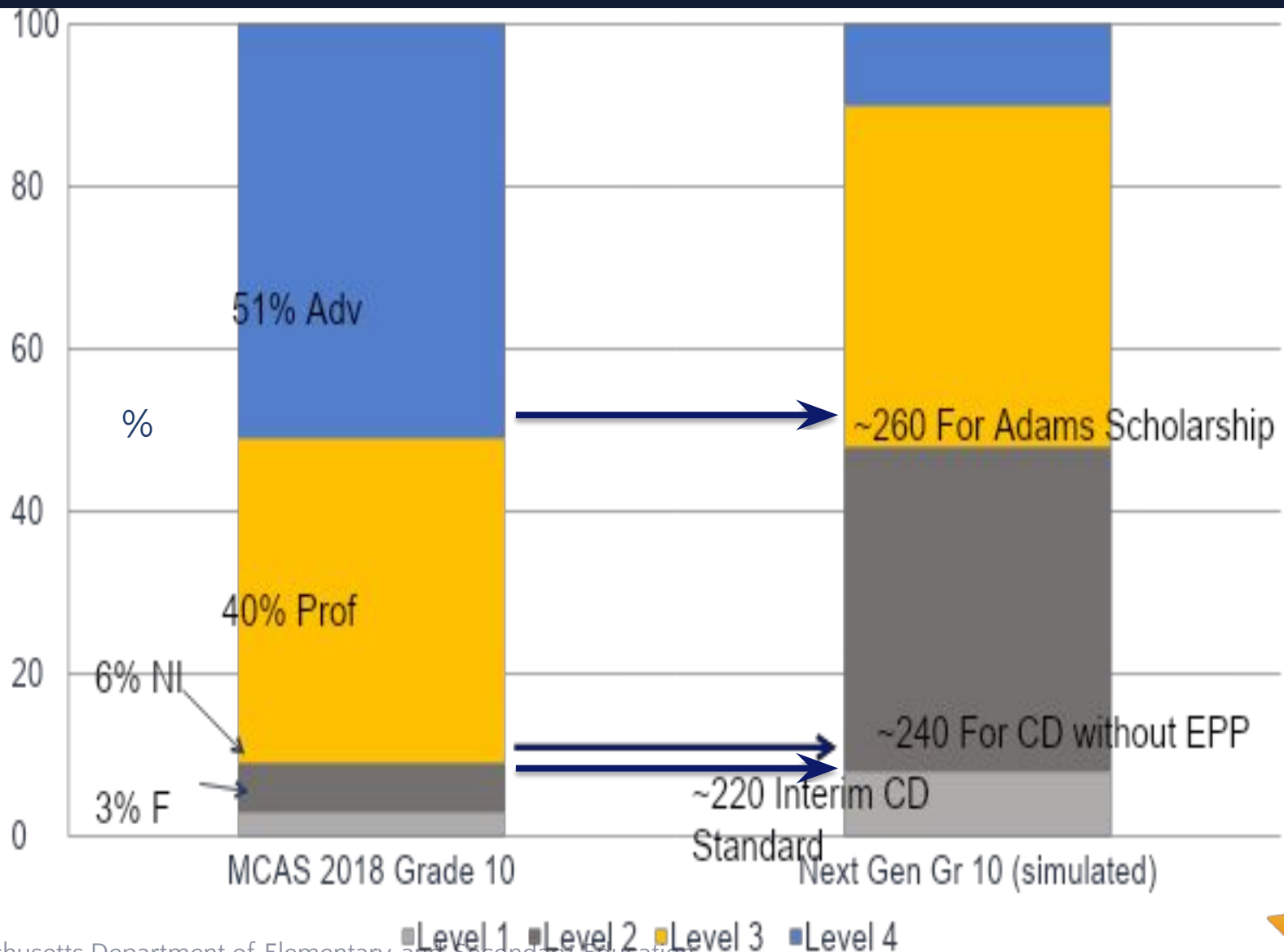
Gr. 3 → 4	Gr. 4 → 5	Gr. 5 → 6	Gr. 6 → 7	Gr. 7 → 8
ELA				
↑ 8%	↑ 11%	↑ 3%	↑ 3%	↑ 1%
Math				
No change	↑ 16%	↑ 11%	↑ 7%	↑ 3%

District Comparison

Grades 3-8 Math and ELA Exceeding and Meeting Expectations Comparable District Overview

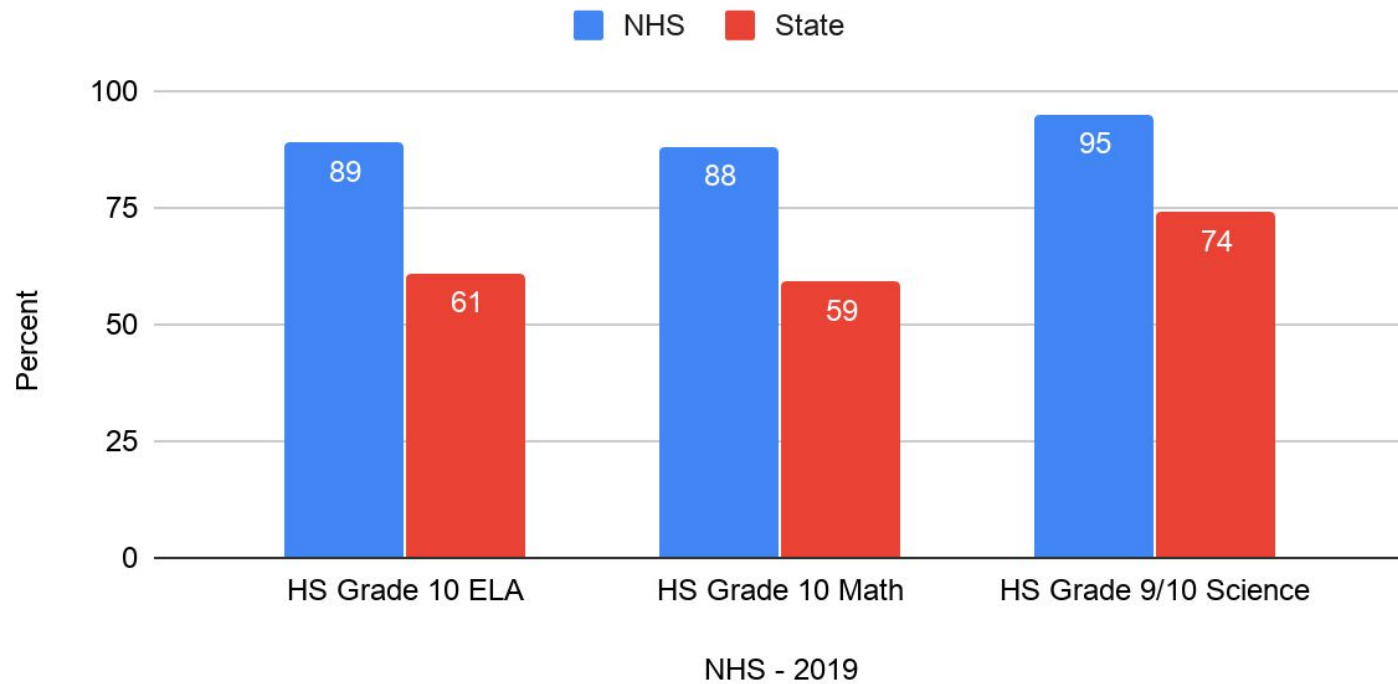


Equipercentile linking model for establishing the interim CD standards for the Classes of 2021 & 2022 (ELA example)

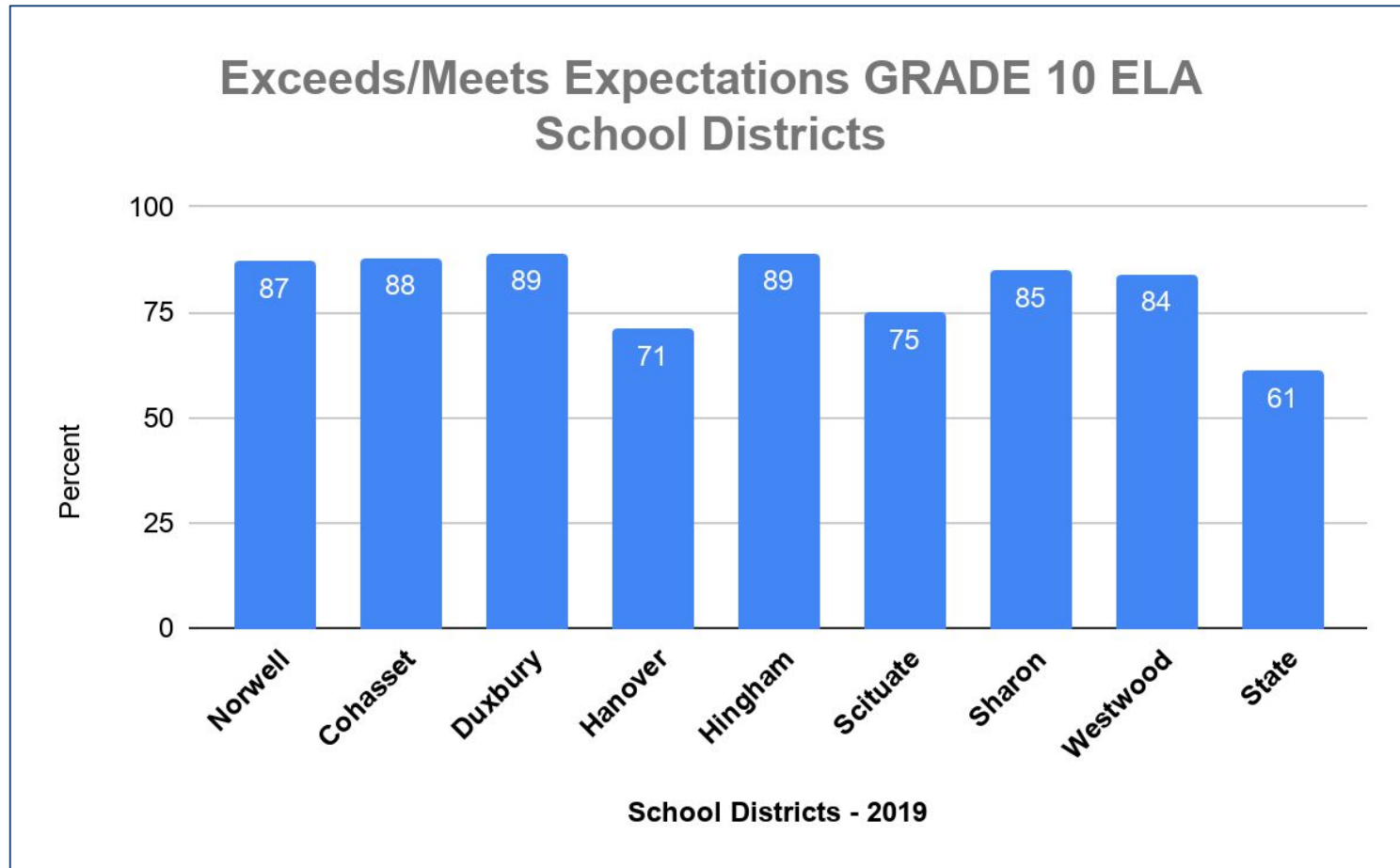


Norwell High School

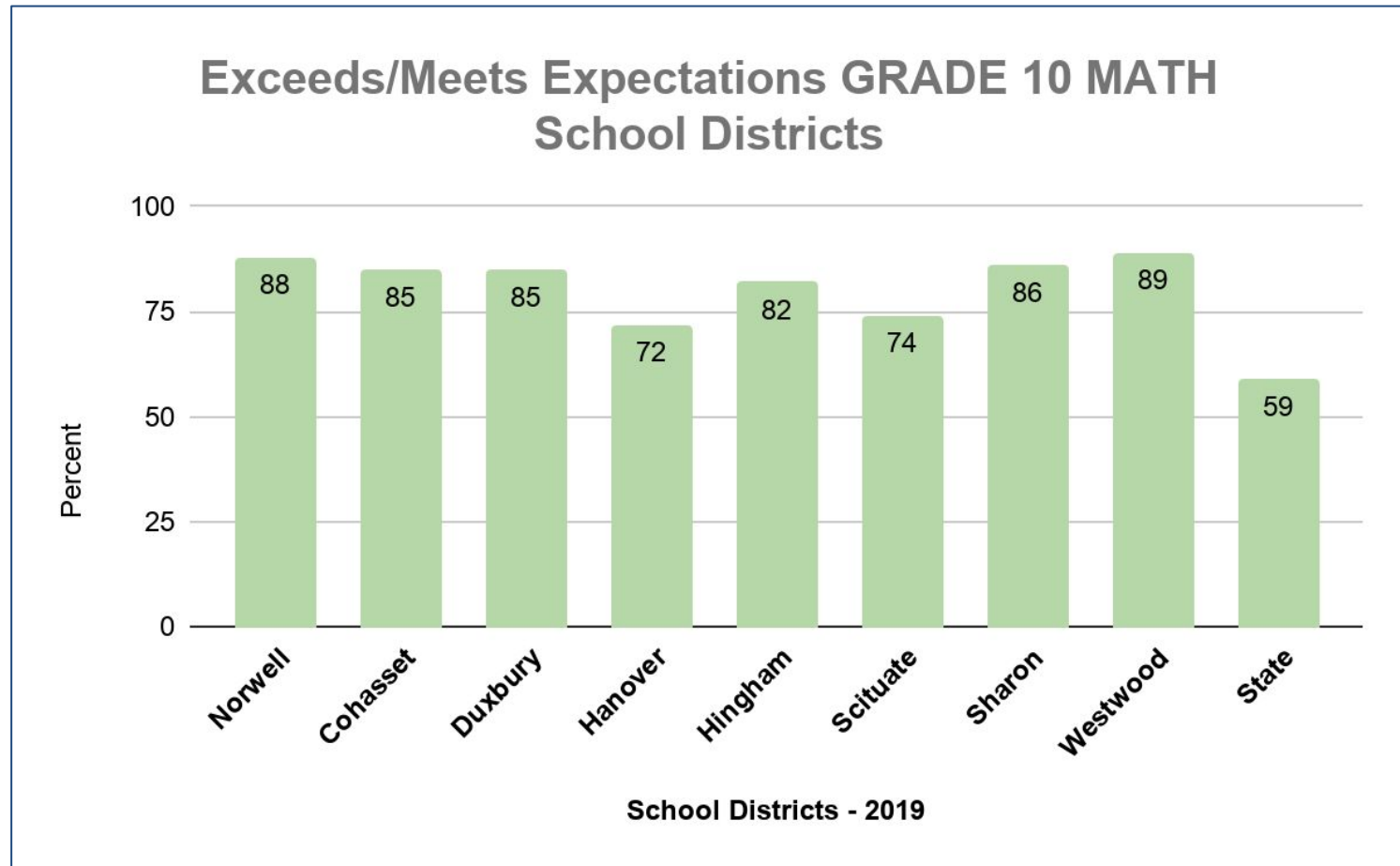
Norwell High School ELA, Math and Science Exceeding/Meeting Expectations



District Comparison - ELA

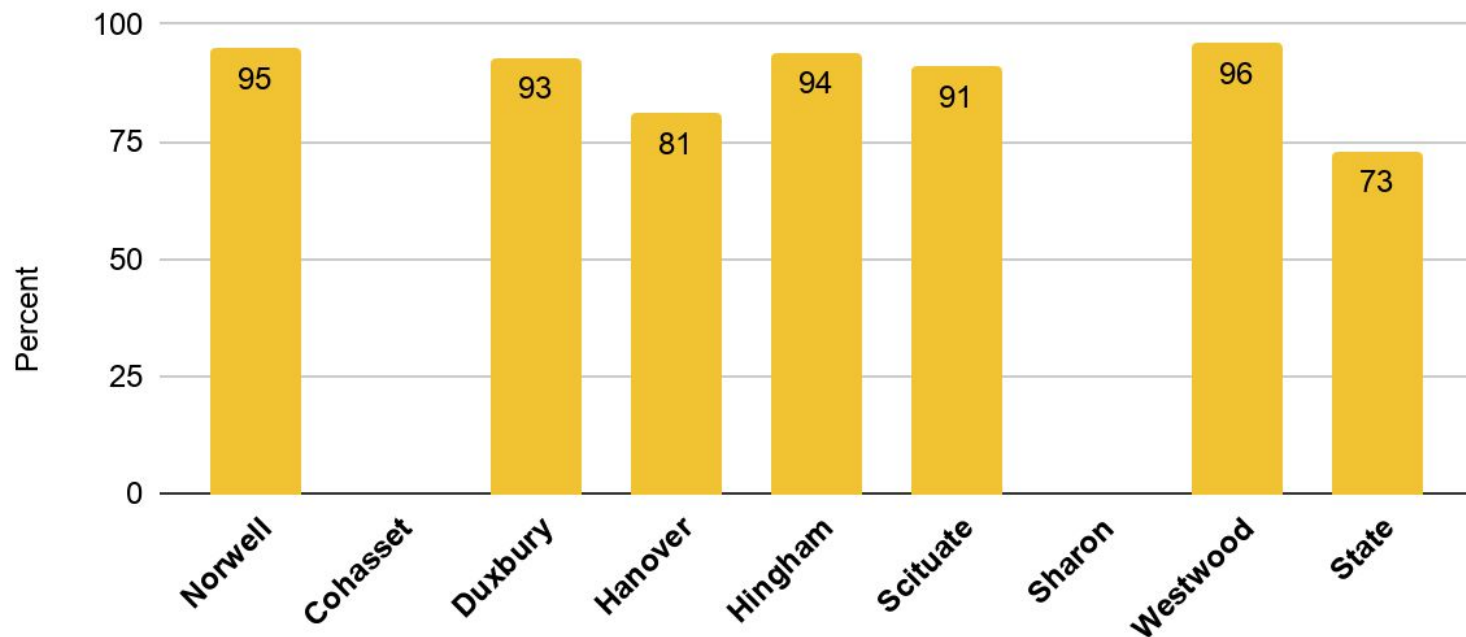


District Comparison - Math



District Comparison - Science

2019 Advanced/Proficient
Grade 10 Science (legacy) vs. School District



School Districts - 2019 Biology

Moving Forward

Focus areas

- Data Analysis with Targeted Actions
 - high quality grade level assessments
- Attendance
- Maintaining access to advanced coursework and the arts
- Next-generation MCAS Transitions
 - grade 10; science 5, 8,10

Moving Forward

Continue

- Math instruction and assessment
 - Math Workshop Model
 - Effective use of available supports/tools
- ELA
 - Integration of Readers' and Writers' Workshop K-5
- Science
 - Standards alignment, next generation skills integration