

# The Public Schools of Southborough



## 2019 MCAS Results

Presented to the Southborough School Committee  
November 13, 2019

## Presentation Goals

Update School Committee and Community on MCAS

Provide an Overview of the MCAS Online Assessment Environment

Share the Spring 2019 MCAS Results

Discuss Progress and Next Steps

Answer Questions and Discuss Preparation for Spring 2020 MCAS



# Frameworks → Assessment → Accountability

2009  2020

**2009** Common Core State Standards (CCSS) adopted by MA Board of Education

**2011** Districts launch curriculum alignment initiatives

**2013** Rethinking Equity Teaching English Language Learners (RETELL) - Requires educator endorsement for licensure

**2016** MA Adopts 2016 Science and Technology/Engineering Framework

**2016 - 2019** Next Generation MCAS Assessment – MCAS

**2017** MA Revises ELA and Mathematics Curriculum Frameworks

**2018** Science Next Generation Assessment Implemented (Computer Based)

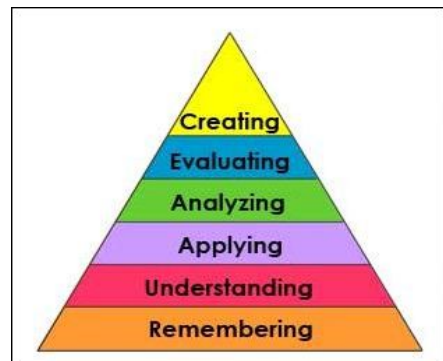
**2018** MA Adopts 2018 History and Social Science Framework

**2019** Arts Framework

# Frameworks → Assessment → Accountability



Higher Order Thinking



Next Generation MCAS  
Assessment

# Next Generation MCAS

	MCAS
<b>Format</b>	Computer Based
<b>Grades Tested</b>	3-8 and 9-12
<b>Content Assessed</b>	ELA, mathematics, and science (5 and 8)
<b>Universal Accessibility Features</b>	Tools Available: Highlight, Zoom, Line Reader, Item Flag, Audio, Notepad, Item Eliminator
<b>Item Types</b>	Multiple Choice, Multiple Select, Evidence Based Short Response, Short Response, Technology Enhanced, Open Response, and Essay (Narrative, Expository, or Memoir)
<b>Achievement Metric</b>	Exceeding Expectations, Meeting Expectations, Partially Meeting Expectations, Not Meeting Expectations
<b>Growth Metric</b>	Student Growth Percentile (SGP)
<b>Testing Time</b>	Untimed

## Frameworks → Assessment → Accountability

### Massachusetts Accountability Measures

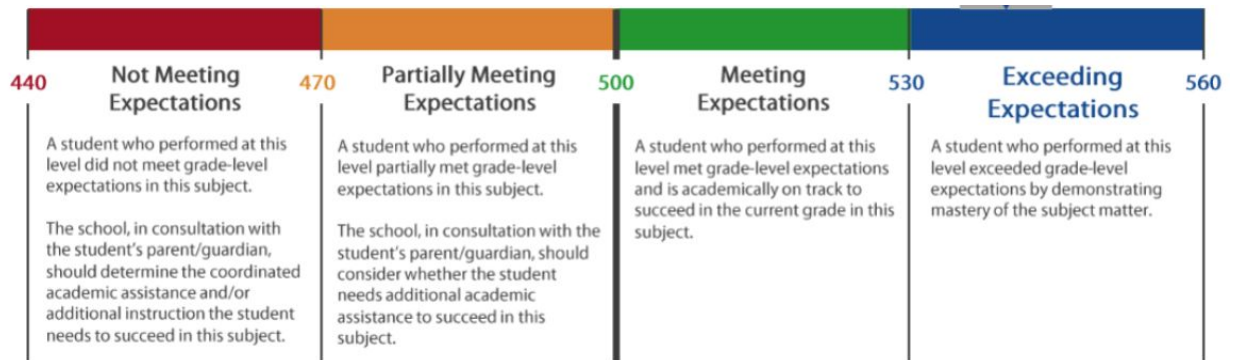
Achievement Levels
Exceeding Expectations
Meeting Expectations
Partially Meeting Expectations
Not Meeting Expectations

**Student Growth Percentile (SGP)** = Growth\*  
Scale 1-99

*\*Typical growth percentiles are between 40 and 60*

# Frameworks → Assessment → Accountability

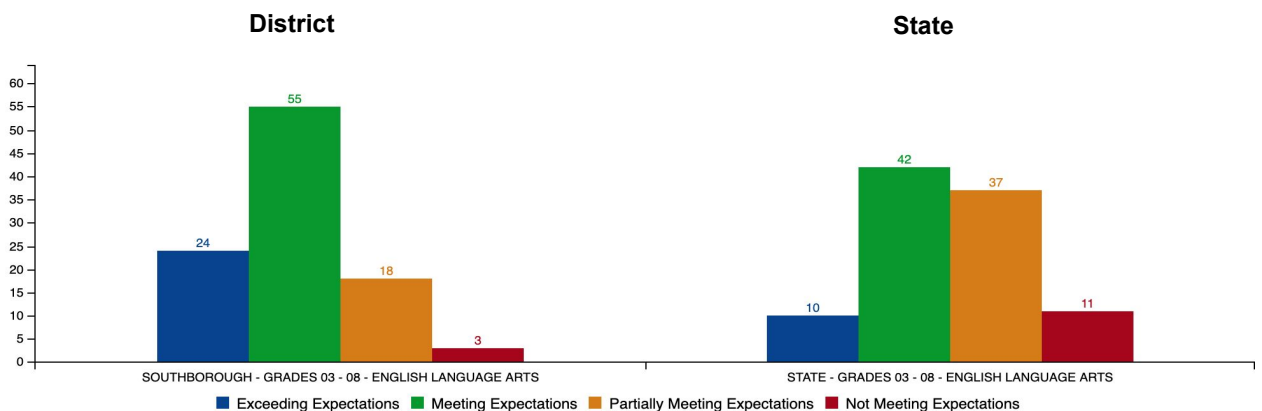
## Achievement Levels



# Frameworks → Assessment → Accountability

## 2019 English Language Arts MCAS (3-8)

### Percent of Students at Each Achievement Level

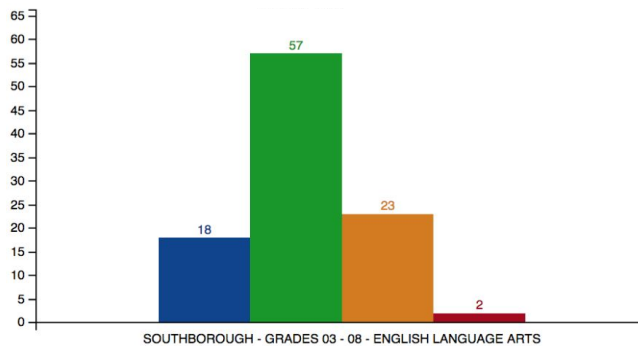


# Frameworks → Assessment → Accountability

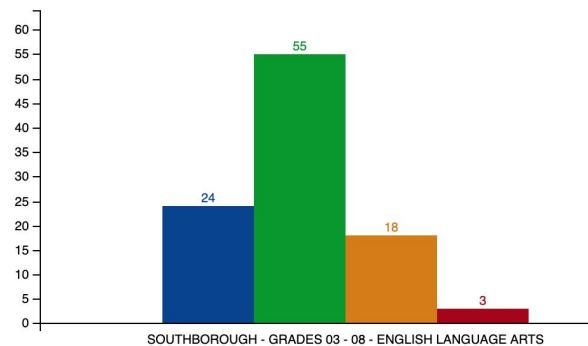
## 2019 English Language Arts MCAS (3-8)

Percent of Students at Each Achievement Level

District - 2018



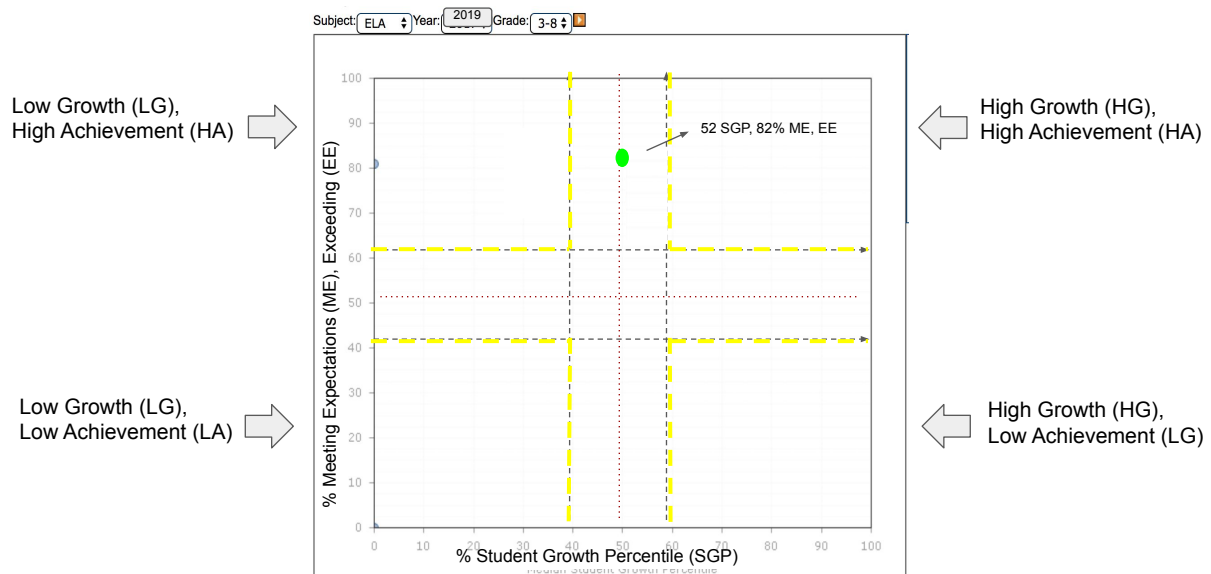
District - 2019



■ Exceeding Expectations ■ Meeting Expectations ■ Partially Meeting Expectations ■ Not Meeting Expectations

# Frameworks → Assessment → Accountability

## ELA MCAS Growth and Achievement - Grades 3-8



# Frameworks → Assessment → Accountability

## English Language Arts Performance Summary

\*High Growth = HG  
High Achievement = HA  
Typical Growth = TG

School:	2018 Mean SGP:	2019 Mean SGP:	2018 % Meeting or Exceeding	2019 % Meeting or Exceeding	2019 Growth and Achievement
Finn	NA	NA	NA	NA	NA
Woodward	NA	NA	84	88	HA
Neary	51	51	81	81	HG, HA
Trottier	47	53	69	76	HG, HA
The Public Schools of SB	49	52	78	82	HG, HA

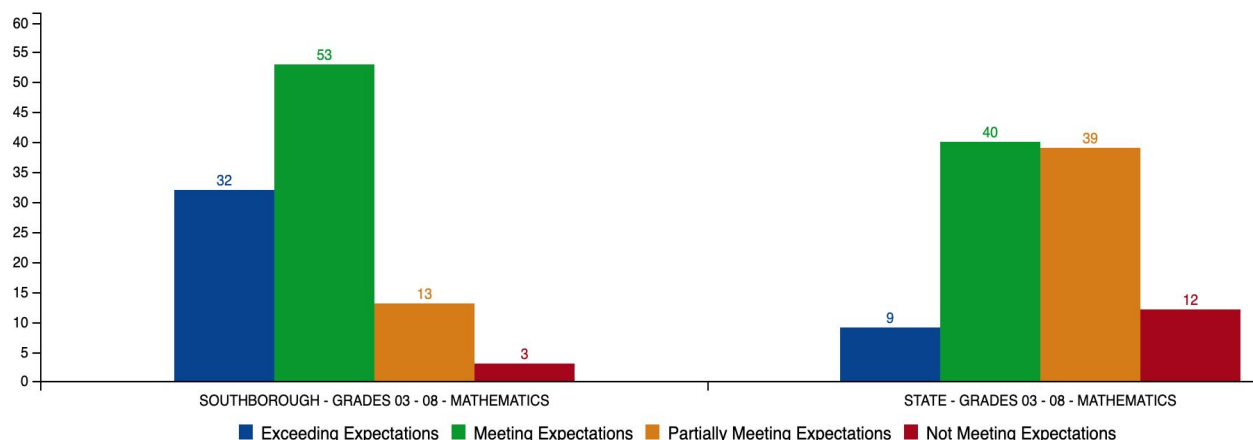
# Frameworks → Assessment → Accountability

## 2019 Mathematics MCAS

Percent of Students at Each Achievement Level (3-8)

District

State

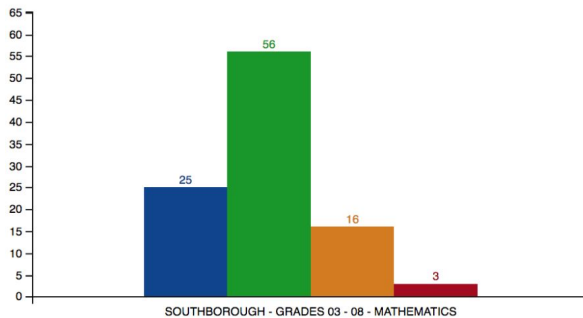


# Frameworks → Assessment → Accountability

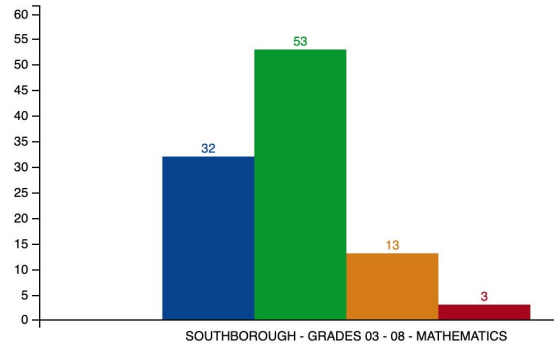
## 2019 Mathematics MCAS

Percent of Students at Each Achievement Level (3-8)

District - 2018



District - 2019

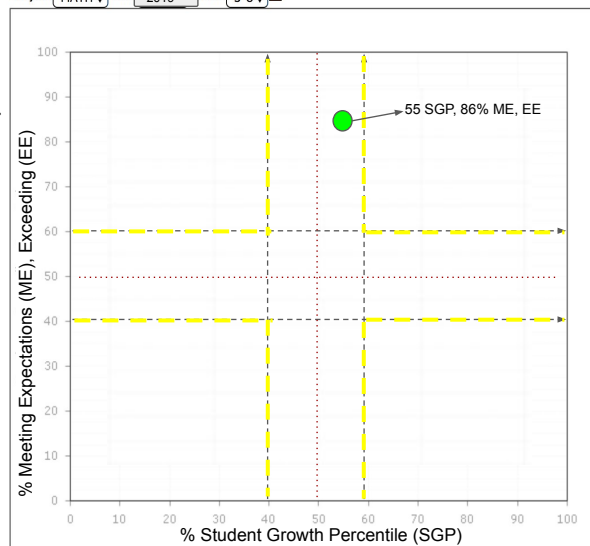


■ Exceeding Expectations ■ Meeting Expectations ■ Partially Meeting Expectations ■ Not Meeting Expectations

# Frameworks → Assessment → Accountability

## 2019 Mathematics Growth and Achievement - Grades 3-8

Subject: MATH Year: 2019 Grade: 3-8



Low Growth,  
High Achievement



High Growth,  
High Achievement



Low Growth,  
Low Achievement



High Growth,  
Low Achievement





# Frameworks → Assessment → Accountability

## Mathematics Performance Summary

\*High Growth = HG  
Typical Growth = TG  
High Achievement = HA

School:	2018 Mean SGP:	2019 Mean SGP:	2018 % Meeting or Exceeding	2019 % Meeting or Exceeding	2019 Growth and Achievement
Finn	NA	NA	NA	NA	NA
Woodward	NA	NA	86	89	NA
Neary	54	51	82	86	HG, HA
Trottier	53	58	69	83	HG, HA
The Public Schools of SB	53.5	55	79	86	HG, HA

# Frameworks → Assessment → Accountability

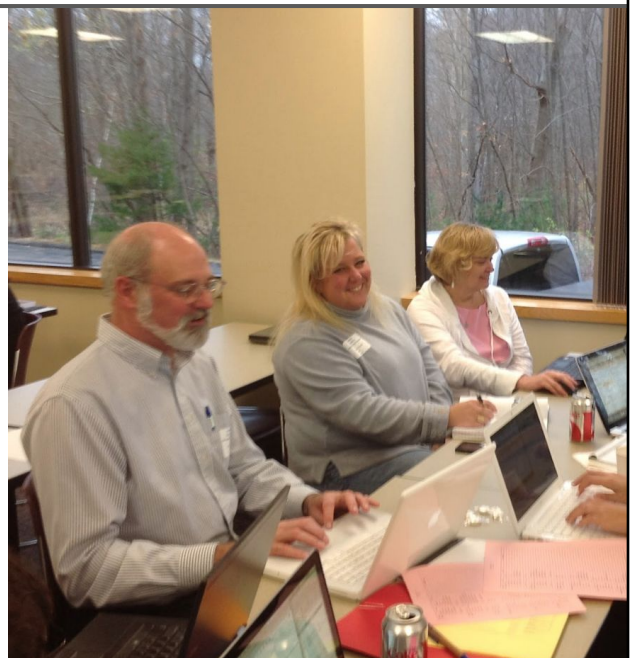
## How are the MCAS Data Utilized?

### School-Based Analyses

- Disaggregate Data by Subgroups
- Identify Areas for Improvement
- Analyze Individual Student Results
- Use Results to Inform Teaching
- Triangulate MCAS Data with Local Assessments

### District-Based Analyses

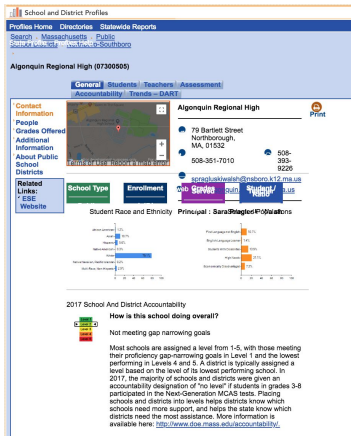
- Examine System-wide Patterns and Trends
- Evaluate Curriculum Over Time
- Identify Priority Areas
- Monitor State Assessment Landscape



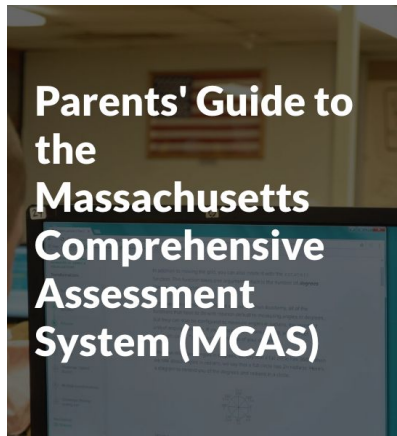


# Frameworks → Assessment → Accountability

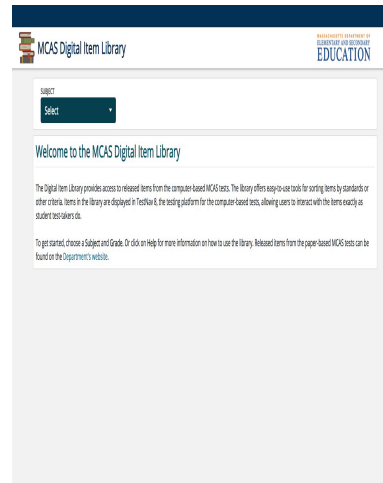
## Where to find more information



District Profiles



Parent Guides



Digital MCAS Library