

# Franklin Public Schools MCAS Presentation

November 22, 2022

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# 2022 MCAS Presentation Agenda

- Overview of the context for 2021-2022 MCAS Assessments
- 2019-2022 Achievement Comparisons
- Identification of Findings
- Presentation of 2022 ELA, Math and Science Achievement Results for
  - All Students - Grades 3-8 and Grade 10
  - Students with High Needs - Grades 3-8 and Grade 10
    - Breakdown of trends regarding students with High Needs
- Areas of Strength in the Data
- Opportunities of Growth
- Action Items for Continued Student Learning



# Spring 2022 MCAS: Context

	Last Grade without Uninterrupted School Year	Last MCAS Assessment without Uninterrupted School Year
Last Year's 3rd Graders	Kindergarten	Never
Last Year's 4th Graders	1st grade	Never
Last Year's 5th Graders	2nd grade	Never
Last Year's 6th Graders	3rd grade	2018- 2019
Last Year's 7th Graders	4th grade	2018- 2019
Last Year's 8th Graders	5th grade	2018- 2019
Last Year's 10th Graders	6th grade	2018- 2019



# Key Message from Department of Elementary and Secondary Education (DESE)

- Student absenteeism remains a challenge across the board for recovery efforts
- Focused opportunities for continued learning gains
- When we compare these results to pre-pandemic levels, we have a ways to go across all subject areas to fully recover learning losses
- “The New Benchmark”
- Grade 10 took a different test from prior years- no comparative data exists



# Spring 2022 MCAS: State-wide Trends

## ELA

- Writing scores were historically low: 31% of students did not receive any credit for their writing on the ELA assessment, down from a historic high of 19% in 2020-2021
- There was a 13% decrease in essay performance overall on the 3-8 assessments
- Assessment data demonstrated a continued decrease in Literacy: 12% points lower than 2018-2019
  - Early literacy a particular area of concern

## Math

- Middle levels have demonstrated an improvement to trends from 2020-2021, in this most recent 2021-2022
- In 2020-2021 Grades 6-8 dropped saw a decrease from pre-pandemic levels of 7%
- In 2021-2022 it was now 3% (still an overall drop of 10%)



# Overall Statement of Our Findings for Franklin

- We observe similar trends regarding student performance as the state
  - *Lower performance on assessments when compared to pre-pandemic assessments*
  - *English Language Arts achievement results declined*
  - *Math achievement results increased*
  - *Science achievement results static*
- Franklin continues to outperform the state in all three domains
- One subgroup of focus that has continued to have significant variance in all areas of performance are students identified as high needs
  - Of this subgroup, students who are identified as English Language Learners offer the most opportunity for growth
  - These students are still overall outperforming the state, but there is work to achieve parity with their peers from Franklin



# 2019-2022 English Language Arts MCAS Results by Grade across the Commonwealth

Grade	2019 % M/E	2021 % M/E	2022 % M/E	Change M/E 19-21	Change M/E 21-22	Change M/E 19-22
03	56	51	44	-5	-7	-12
04	52	49	38	-3	-11	-14
05	52	47	41	-5	-6	-11
06	53	47	41	-6	-6	-12
07	48	43	41	-5	-2	-7
08	52	41	42	-11	1	-10
3-8	52	46	41	-6	-5	-11
10	61	64	58	+3	-6	-3



## 2019-2022 English Language Arts MCAS Results by Grade for Franklin

Grade	2019 % M/E	2021 % M/E	2022 % M/E	Change M/E 19-21	Change M/E 21-22	Change M/E 19-22
3	74	68	62	-6	-6	-12
4	70	69	50	-1	-19	-20
5	66	66	59	0	-7	-7
6	64	59	54	-5	-5	-10
7	59	47	44	-12	-3	-15
8	69	54	52	-15	-2	-17
3-8	67	60	53	-7	-7	-14
10	75	79	75	+4	-4	0





## 2019-2022 Math MCAS Results by Grade across the Commonwealth

Grade	2019 % M/E	2021 % M/E	2022 % M/E	Change M/E 19-21	Change M/E 21-22	Change M/E 19-22
03	49	33	41	-16	+8	-8
04	50	33	42	-17	+9	-8
05	48	33	36	-15	+3	-12
06	52	33	42	-19	+9	-10
07	48	35	37	-13	+2	-11
08	46	32	36	-14	+4	-10
3-8	49	33	39	-16	+6	-10
10	59	52	50	-7	-2	-9



## 2019-2022 Math MCAS Results by Grade for Franklin

Grade	2019 % M/E	2021 % M/E	2022 % M/E	Change M/E 19-21	Change M/E 21-22	Change M/E 19-22
3	69	49	62	-20	+13	-7
4	71	52	58	-19	+6	-13
5	63	55	56	-8	+1	-7
6	63	46	57	-17	+11	-6
7	64	47	48	-17	+1	-16
8	64	39	48	-25	+9	-16
3-8	65	47	54	-8	+7	-11
10	69	65	71	-4	+6	+2



## 2019-2022 **Science** MCAS Results by Grade across the Commonwealth

Grade	2019 % M/E	2021 % M/E	2022 % M/E	Change M/E 19-21	Change M/E 21-22	Change M/E 19-22
05	49	42	43	-7	+1	-6
08	46	41	42	-5	+1	-4
10*			47			



## 2019-2022 Science MCAS Results by Grade for Franklin

Grade	2019 % M/E	2021 % M/E	2022 % M/E	Change M/E 19-21	Change M/E 21-22	Change M/E 19-22
5	63	64	63	+1	-1	0
8	64	54	56	-10	+2	-8
10			78			

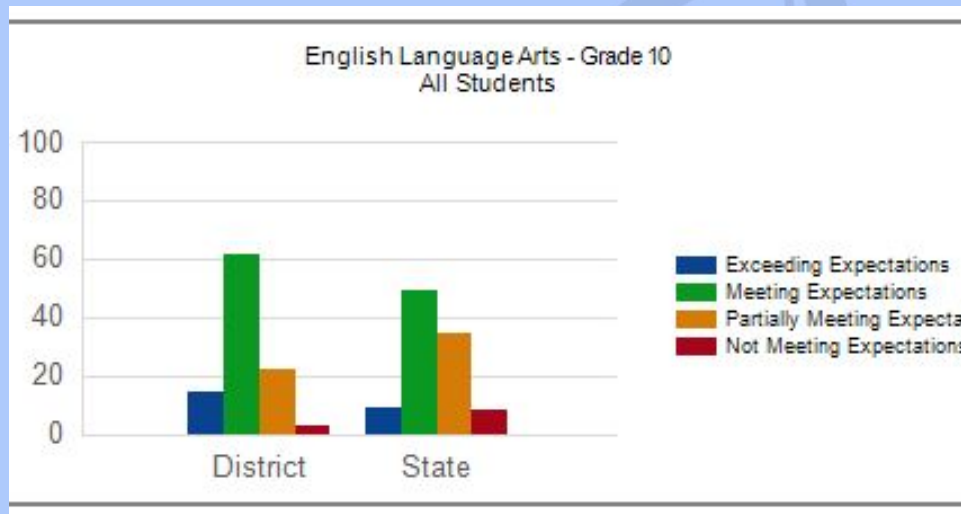




# Grade 10 Results



# Grade 10 ELA Achievement



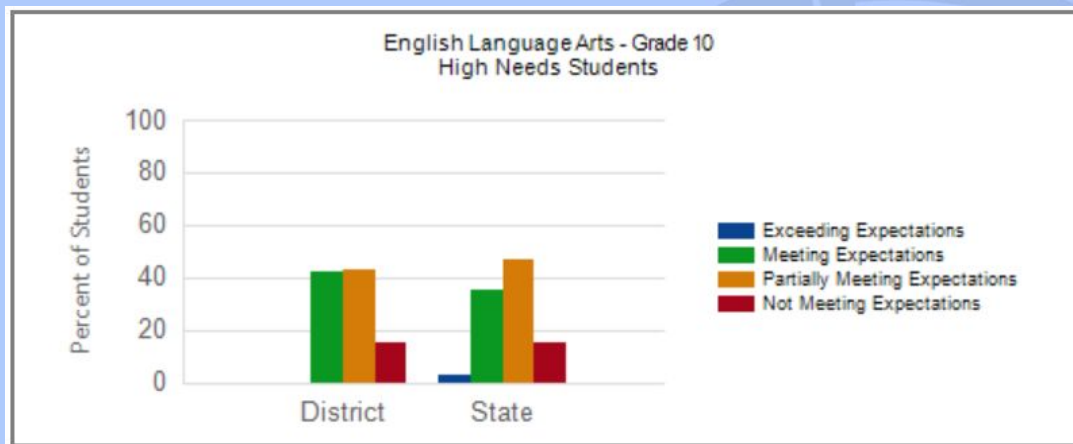
Participation Rate: 100%

English Language Arts	N Students Included	% District	% State
Exceeding Expectations	56	14	9
Meeting Expectations	253	61	49
Partially Meeting Expectations	90	22	34
Not Meeting Expectations	14	3	8
Total Included	413		

- 75% of students met or exceeded expectations in 2022 compared to the state at 58%
- 22% of students partially met and 3% of students who did not meet expectations compared to the state at 34% and 8%.



# Grade 10 ELA Achievement - High Needs



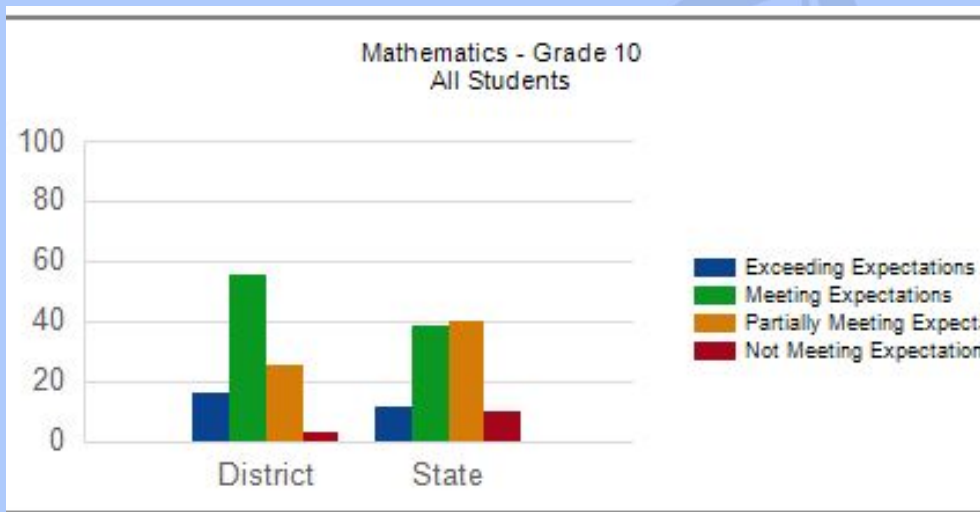
Participation Rate: 99%

English Language Arts	N Students Included	% District	% State
Exceeding Expectations	0	0	3
Meeting Expectations	38	42	35
Partially Meeting Expectations	39	43	47
Not Meeting Expectations	14	15	15
<b>Total Included</b>	<b>91</b>		

- 42% of students identified with high needs met expectations in comparison to the state at 35%
- 0% of students identified with high needs exceeded expectations compared to 3% for the state
- 43% of students identified with high needs partially met expectations compared to the state at 47%
- 15% of students identified with high needs did not meet expectations for both Franklin and the state



# Grade 10 Math Achievement



Participation Rate: 99%

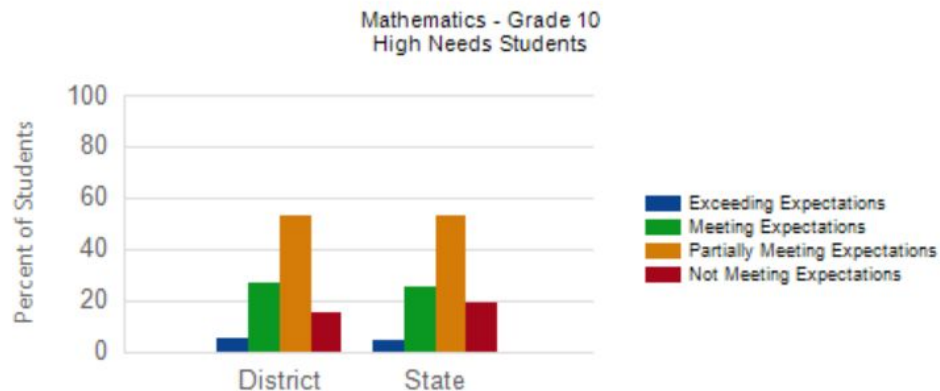
Mathematics	N Students Included	% District	% State
Exceeding Expectations	65	16	11
Meeting Expectations	226	55	38
Partially Meeting Expectations	104	25	40
Not Meeting Expectations	14	3	10
Total Included	409		

- 71% of students met or exceeded expectations, compared to the state at 41%
- 25% of students partially met expectations and 3% did not meet expectations, compared to the state at 40% and 10%





# Grade 10 Math Achievement - High Needs



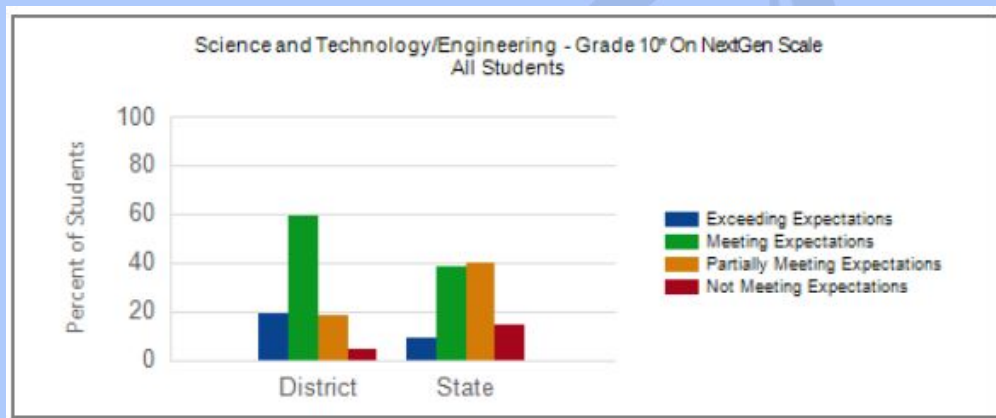
Participation Rate: 98%

Mathematics	N Students Included	% District	% State
Exceeding Expectations	4	5	4
Meeting Expectations	24	27	25
Partially Meeting Expectations	47	53	53
Not Meeting Expectations	13	15	19
<b>Total Included</b>	<b>88</b>		

- 32% of students identified with high needs met or exceeded expectations, compared to the state at 29 % percent
- 53% of students with high needs partially met expectations, compared to the state at 53%
- 15% of students identified with high needs did not meet expectations, compared to the state at 19%



# Grade 10 STEM Achievement



Participation Rate: 100%

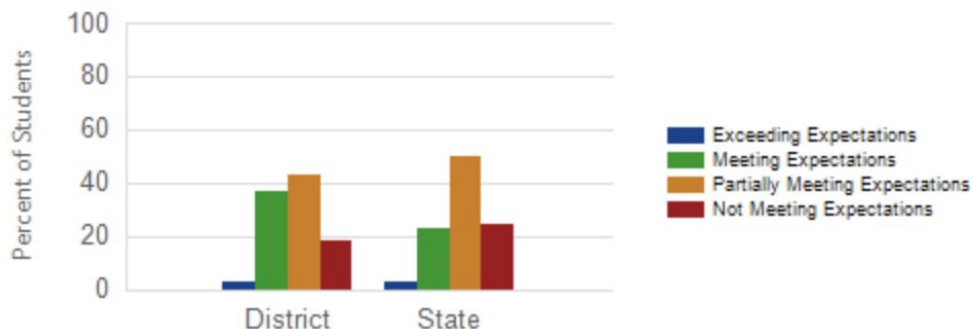
Science and Technology/Engineering	N Students Included	% District	% State
Exceeding Expectations	74	19	9
Meeting Expectations	232	59	38
Partially Meeting Expectations	70	18	40
Not Meeting Expectations	15	4	14
Total Included	391		

- 78% of students met or exceeded expectations, compared to the state at 47%
- 18% of students partially met expectations and 4% did not meet expectations, compared to the state at 40% and 14%



# Grade 10 STE- High Needs

Science and Technology/Engineering - Grade 10\* On NextGen Scale  
High Needs Students



Participation Rate: 99%

Science and Technology/Engineering	N Students Included	% District	% State
Exceeding Expectations	2	3	3
Meeting Expectations	29	37	23
Partially Meeting Expectations	34	43	50
Not Meeting Expectations	14	18	24
<b>Total Included</b>	<b>79</b>		

- 40% of our students identified with high needs met or exceeded expectations compared to 26% for the state
- 43% of our students identified as high needs partially met, while 18% did not meet expectations, compared to 50% and 24 % for the state

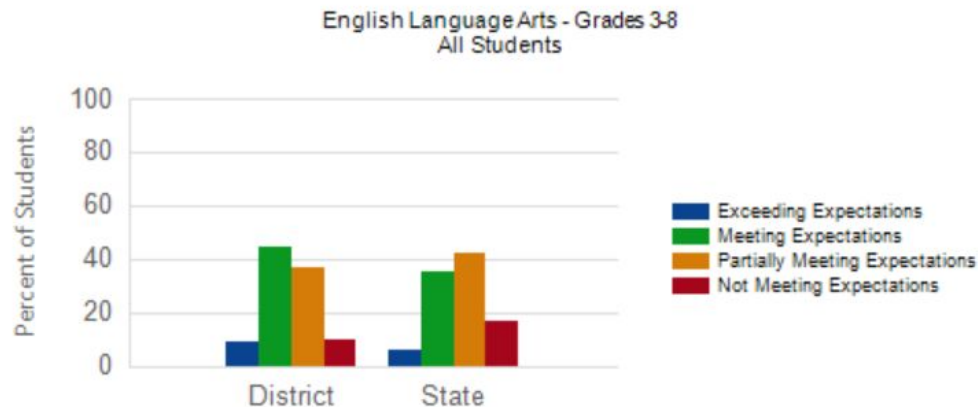




# Grades 3-8 Results



# Grade 3-8 ELA Achievement



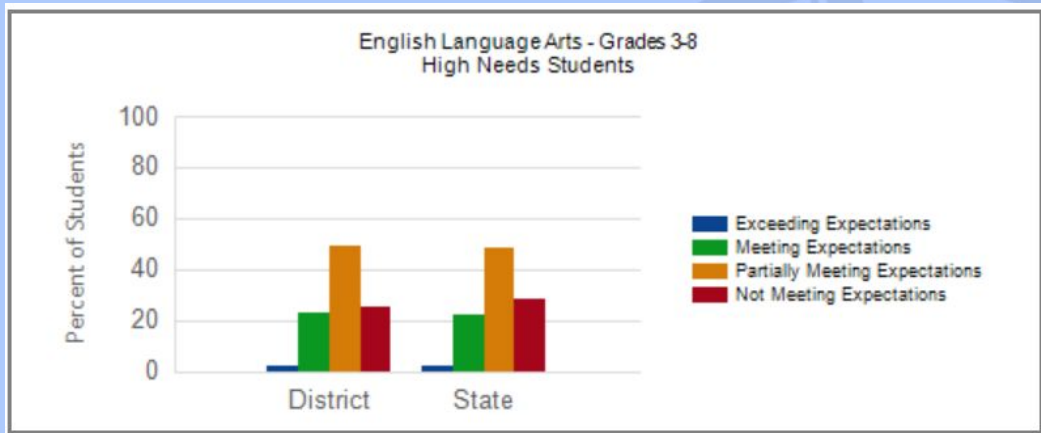
Participation Rate: 100%

English Language Arts	N Students Included	% District	% State
Exceeding Expectations	190	9	6
Meeting Expectations	933	44	35
Partially Meeting Expectations	775	37	42
Not Meeting Expectations	216	10	17
Total Included	2,114		

- 53% met or exceeded expectations, compared to 41% for the state
- 37% if students partially met, and 10% did not meet expectations compared to 42% and 17% for the state.



# Grade 3-8 ELA- High Needs



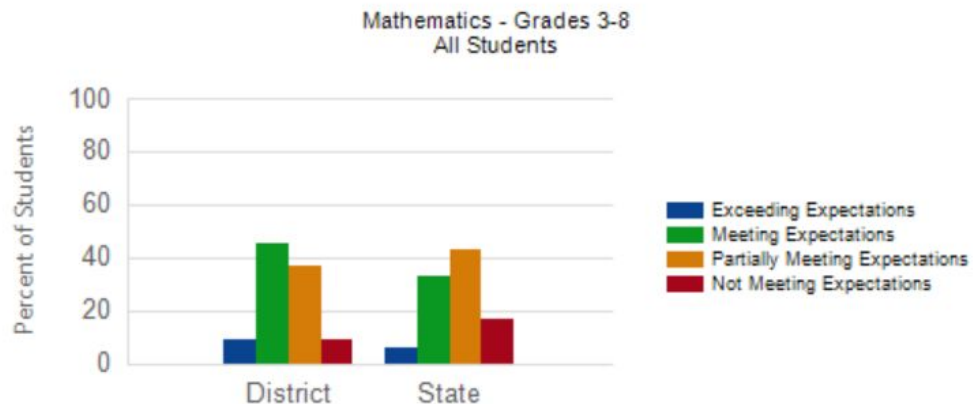
Participation Rate: 99%

English Language Arts	N Students Included	% District	% State
Exceeding Expectations	18	2	2
Meeting Expectations	172	23	22
Partially Meeting Expectations	374	49	48
Not Meeting Expectations	192	25	28
<b>Total Included</b>	<b>756</b>		

- 25% of students identified as having high needs exceeded or met expectations, compared to 24% for the state
- 49% partially met expectations, and 25% did not meet expectations in comparison to the state at 48% and 28%



# Grades 3-8 Math Achievement



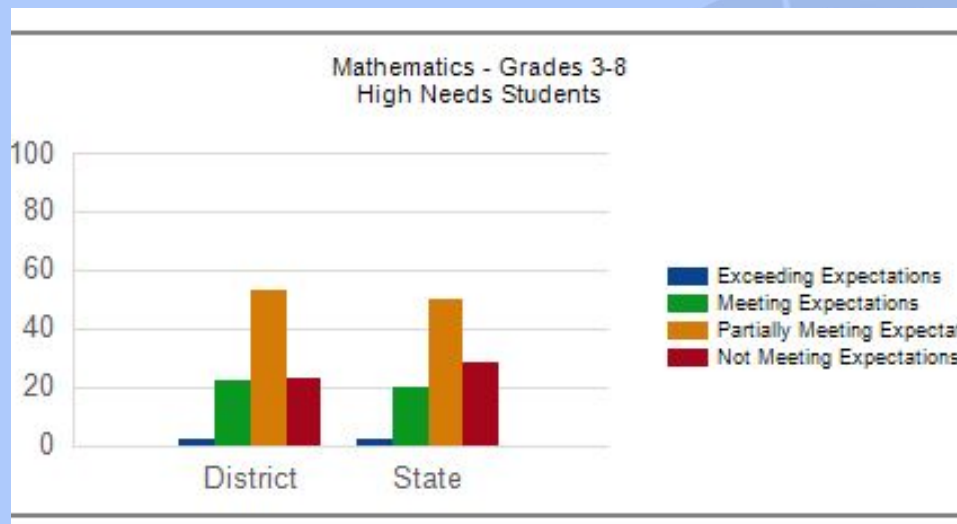
Participation Rate: 100%

Mathematics	N Students Included	% District	% State
Exceeding Expectations	197	9	6
Meeting Expectations	960	45	33
Partially Meeting Expectations	775	37	43
Not Meeting Expectations	187	9	17
Total Included	2,119		

- 54% for students met or exceeded expectations, compared to the state at 39%
- 37% of students partially met expectations, and 9% did not meet expectations compared to 43% and 17% for the state.



# Grade 3-8 Math - High Needs



Participation Rate: 99%

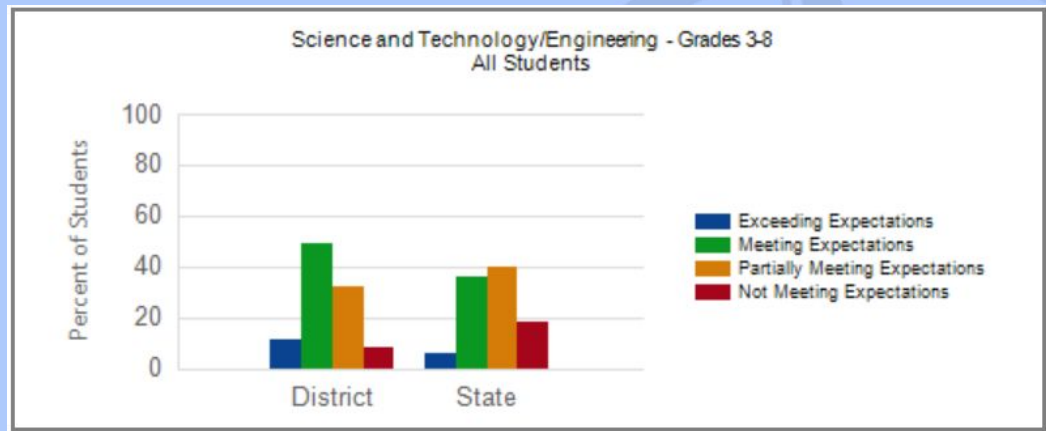
Mathematics	N Students Included	% District	% State
Exceeding Expectations	16	2	2
Meeting Expectations	168	22	20
Partially Meeting Expectations	399	53	50
Not Meeting Expectations	174	23	28
Total Included	757		

- 24% of students identified with high needs met or exceeded expectations, compared to 22% for the state
- 53% of students identified with high needs partially met expectations, and 23% did not meet expectations, compared to 28% for the state





# Grades 3-8 STE Achievement



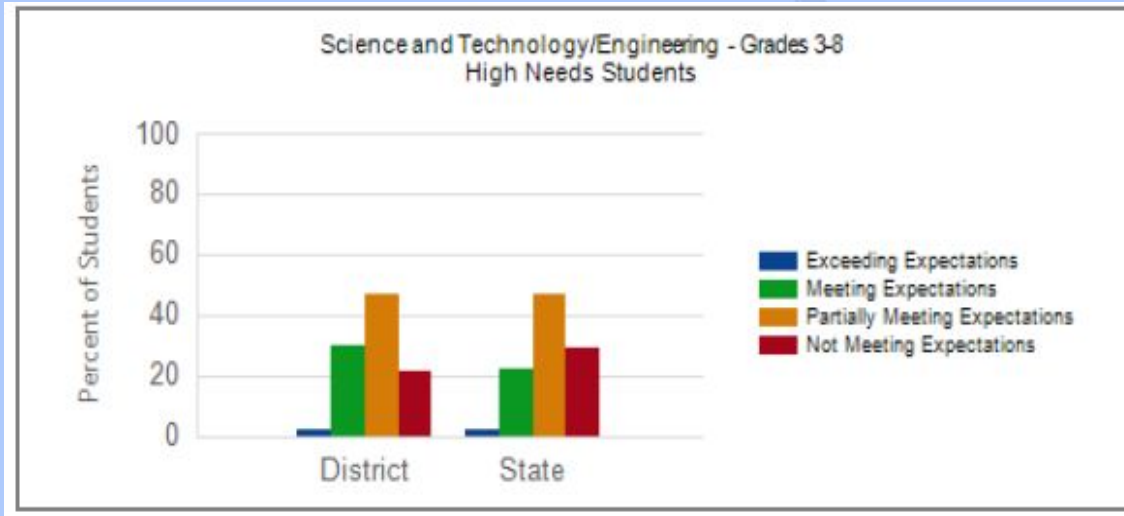
Participation Rate: 99%

Science and Technology/Engineering	N Students Included	% District	% State
Exceeding Expectations	80	11	6
Meeting Expectations	370	49	36
Partially Meeting Expectations	247	32	40
Not Meeting Expectations	64	8	18
Total Included	761		

- 60% of students met or exceeded expectations, compared to 42% for the state
- 32% of students partially met expectations and 8% did not meet expectations, compared to 40% and 18% for the state.



# Grades 3-8 STE - High Needs



Science and Technology/Engineering	N Students Included	% District	% State
Exceeding Expectations	6	2	2
Meeting Expectations	83	30	22
Partially Meeting Expectations	128	47	47
Not Meeting Expectations	56	21	29
Total Included	273		

- 32% of students identified with high needs met or exceeded expectations, compared to 24% for the state
- 47% of students identified with high needs partially met expectations, matching the state
- 21% of students identified with high needs did not meet expectations, compared to 29% of the state



A large, faint, light blue compass rose is centered in the background of the slide. It has eight points and a circular border.

# Conclusions



# Areas of Strength

- Overall achievement levels for students in Franklin remain higher than those across the state
- Math achievement scores continue to increase
- Over 70% of grade 10 students meet or exceed expectations in all tested subject areas
- Participation Rate remains high (99-100%)



# Areas for Growth

- Continued focus on closing the achievement gaps between students identified as High Needs and All Students
- Increased focus on improving literacy performance
- Continued reversal of negative trends for student performance in all domains



# Addressing Areas for Growth

## Continued development of Multi-Tiered System of Supports (MTSS)

- Extend use of NWEA MAP Reading and Math Assessments - Grades K-8
- Screen for Social Emotional Learning (SEL) competencies
- Review various assessment data to identify opportunities for targeted instruction
- Providing just-in-time, tiered formative assessment, instruction, and supports for grade level curriculum

## Guaranteed and viable curriculum

- Collaboration time to align curriculum and assessment to provide a guaranteed and viable student learning experience
- Continue K-5 math and 6-8 science curriculum implementation
- Develop PK-12 literacy plan

## Professional development

- Ongoing and embedded professional development
- Continued professional development in using data to inform instruction and supporting student growth

