

A globally competitive educational opportunity for every child

Malden Public Schools
MCAS Results Overview
2018



MPS Believes

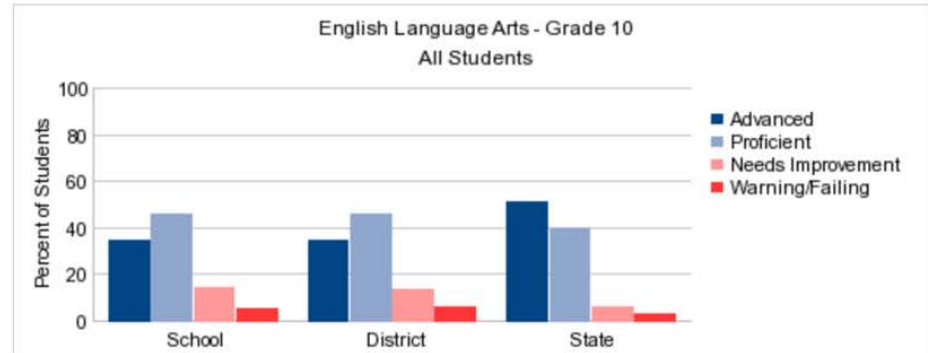
- Every student can and will succeed academically.
- Every student can and will succeed socially.
- Every student can and will succeed emotionally.
- Every student will feel connected and supported.
- Every family will feel connected and supported.
- Malden Public Schools will meet the needs of all students.

Malden High School

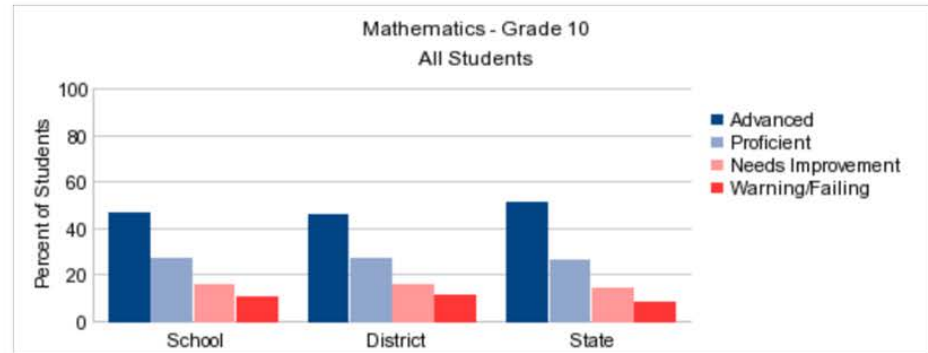
Areas of Strength	Areas of Challenge	Next Steps
<ul style="list-style-type: none">● Math, CPI increase in Economically Disadvantaged and Hispanic/Latino sub group.● Science, CPI increase in EL and Former EL sub group.● Science, met target in Hispanic/Latino sub group.● Math, SGP met target in Asian sub group.	<ul style="list-style-type: none">● ELA, CPI decline in all sub groups.● Math, CPI decline in Asian and African American sub groups.● Science, CPI decline African American and White sub groups.	<ul style="list-style-type: none">● Increase opportunities for writing across disciplines.● Department goals around Next Generation MCAS.● School based PD around Writing With Colors.● Data breakdown for targeted sub groups.● Teacher led Instructional Walkthroughs to identify and create common instructional practices.

Malden High School Grade 10 Spring 2018

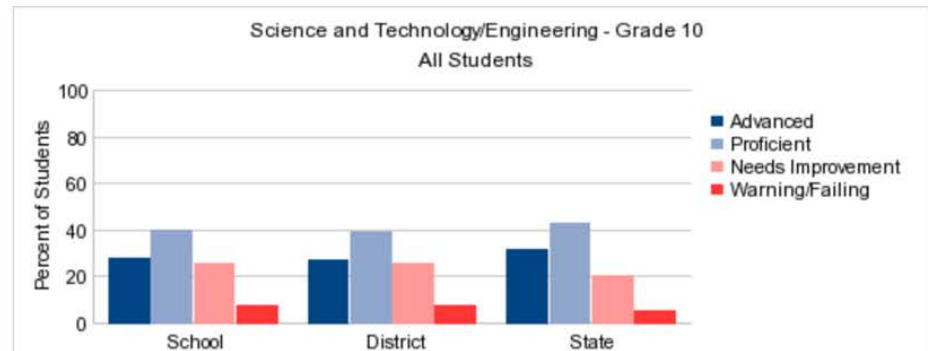
English Language Arts	N Included	% School	% District	% State
Advanced	126	35	34	51
Proficient	166	46	46	40
Needs Improvement	51	14	14	6
Warning/Failing	20	6	6	3
Total Included	363			



Mathematics	N Included	% School	% District	% State
Advanced	167	46	46	51
Proficient	99	27	27	27
Needs Improvement	58	16	16	14
Warning/Failing	37	10	11	8
Total Included	361			



Science and Technology/Engineering	N Included	% School	% District	% State
Advanced	91	28	27	32
Proficient	131	40	39	43
Needs Improvement	83	25	26	21
Warning/Failing	24	7	8	5
Total Included	329			



Ferryway School

Areas of Strength

ELA Grades 3-8

- Higher percentage on meeting and exceeding expectations than the district & the state (FW= 54%, D= 48%, S= 51%)

ELA Economically

Disadvantaged Grades 3-8

- Higher percentage than the district & state (FW= 48%, D= 42%, S= 3%)

Math Economically

Disadvantaged Grades 3-8

- Higher percentage on meeting and exceeding than the district & state (FW=38%, D= 36%, S= 27%)

Areas of Challenge

Math Grades 3-8

- Lower percentage on meeting and exceeding expectations than the district & state (FW=41%, D=42%, S= 47%)

Math Grade 4

- Lower percentage on meeting and exceeding than the district and state (FW= 26%, D= 41%, S= 48%)

Science Grades 5 & 8

- Lower percentage on meeting expectations than the district & the state (FW= 41%, D= 43%, S=52%)

Next Steps

Math

- Teachers will work with the math coach to identify specific areas of need. Math data meetings will be held regularly to analyze formative assessments. Implementation of 5-8 quarterly vertical math teacher meetings.

ELA

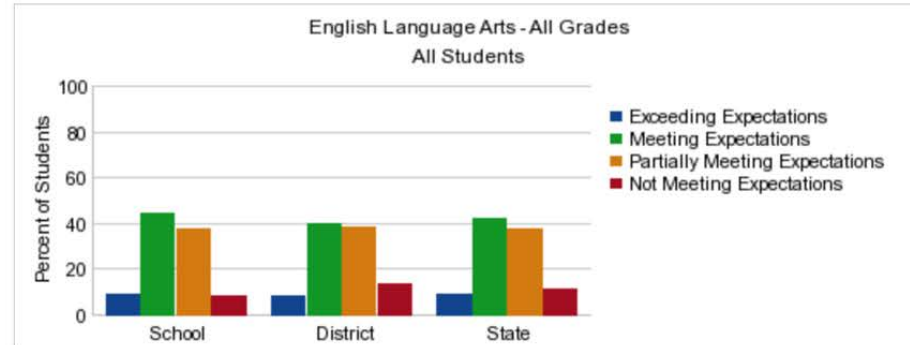
- Full implementation of Writing with Colors to build on the gains we have achieved already.

Science

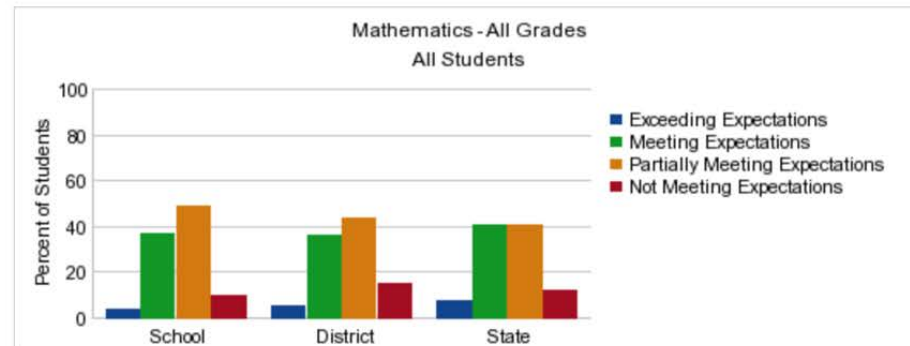
- Teachers will work collaboratively to dig deeper into science topic gaps. Teachers will also work with students on answering open response questions using Writing with Colors. Implementation of 5-8 quarterly vertical science teacher meetings.

Ferryway Grades 3-8 Spring 2018

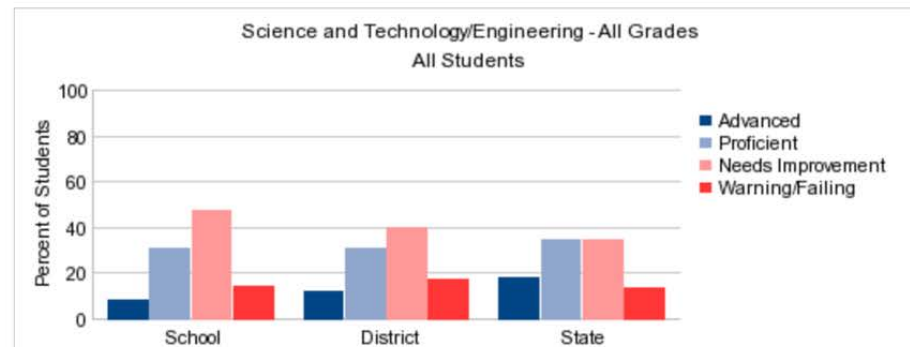
English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	52	9	8	9
Meeting Expectations	251	45	40	42
Partially Meeting Expectations	213	38	39	38
Not Meeting Expectations	46	8	13	11
Total Included	562			



Mathematics	N Included	% School	% District	% State
Exceeding Expectations	23	4	6	7
Meeting Expectations	208	37	36	40
Partially Meeting Expectations	274	49	43	40
Not Meeting Expectations	57	10	15	12
Total Included	562			



Science and Technology/Engineering	N Included	% School	% District	% State
Advanced	17	8	12	18
Proficient	65	31	31	34
Needs Improvement	101	47	40	35
Warning/Failing	30	14	17	13
Total Included	213			



Forestdale School

Areas of Strength

Math Grades 3-8

- SGP for grades 3-8 is 58.5 (highest in the district)
- Mathematics Grades 6 & 8 showed above average student growth with SGP of 70.3 and 66.5

ELA Grades 5 & 6

- Demonstrated SGP of 73.2 and 72.5 with more than 60% of students meeting or exceeding expectations

ELA Grade 8

- Students performed above district and state averages in language, reading, and writing.

Areas of Challenge

Math Grades 3-8

- 39% are meeting or exceeding expectations.
- Constructed Response in Mathematics Grades 3-7 below district and state.

ELA Grades 3-8,

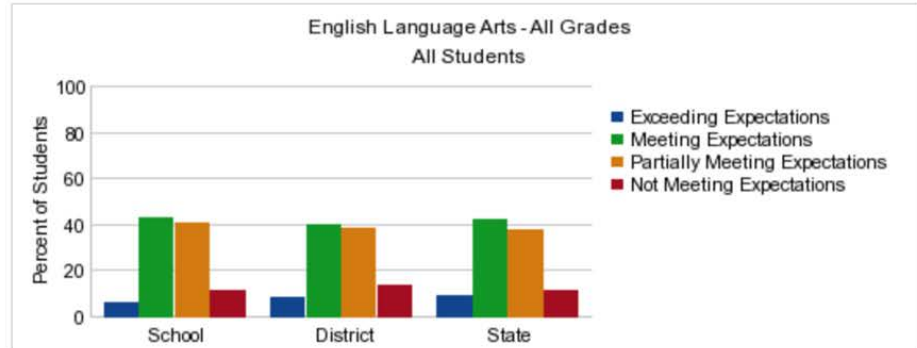
- 49% of our students met or exceeded expectations.
- Improving the overall performance in subgroups

Next Steps

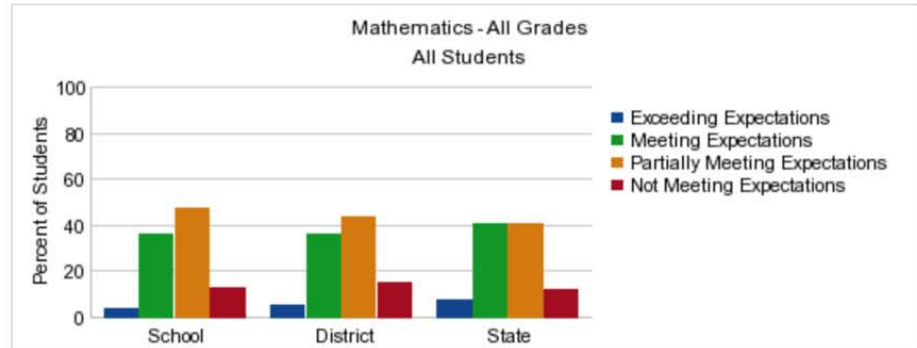
- 4th grade will now be self-contained and have moved to an inclusive co-teaching model.
- Work with coaches to target areas of instruction in mathematics and ELA in order for students to reach the next level.
- MCAS “We’re moving up!” beginning in December - individual meetings with students and families, where they are and where they are going.

Forestdale Grades 3-8 Spring 2018

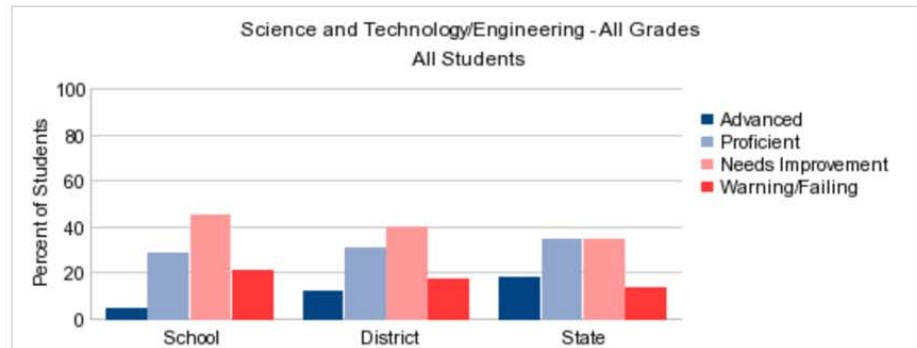
English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	22	6	8	9
Meeting Expectations	156	43	40	42
Partially Meeting Expectations	147	40	39	38
Not Meeting Expectations	40	11	13	11
Total Included	365			



Mathematics	N Included	% School	% District	% State
Exceeding Expectations	13	4	6	7
Meeting Expectations	130	36	36	40
Partially Meeting Expectations	173	48	43	40
Not Meeting Expectations	47	13	15	12
Total Included	363			



Science and Technology/Engineering	N Included	% School	% District	% State
Advanced	5	5	12	18
Proficient	31	29	31	34
Needs Improvement	49	45	40	35
Warning/Failing	23	21	17	13
Total Included	108			



Linden School

Areas of Strength

Overall, our performance at Linden is solid and near the state average.

ELA

- Linden performed better than the state in writing, developing ideas, and knowledge of writing conventions.

Science

- Linden students performed better than the state in Physical Science and Matter.

Math

- Linden students performed consistent with other students in the district in the meeting or exceeding expectation categories.

Areas of Challenge

ELA, Science

- Lack of vocabulary knowledge impacts comprehension and affects the students' ability to answer open response questions.

Math

- The primary area of weakness in mathematics is the overall percentage of students meeting or exceeding expectations. Only 44% of Linden students gr 3-8 met or exceeded expectations, which means 56% either partially met or did not meet expectations.

Next Steps

ELA

- Continue with the strategies that are in place and create more tier one vocabulary instruction, practice and development.

Science

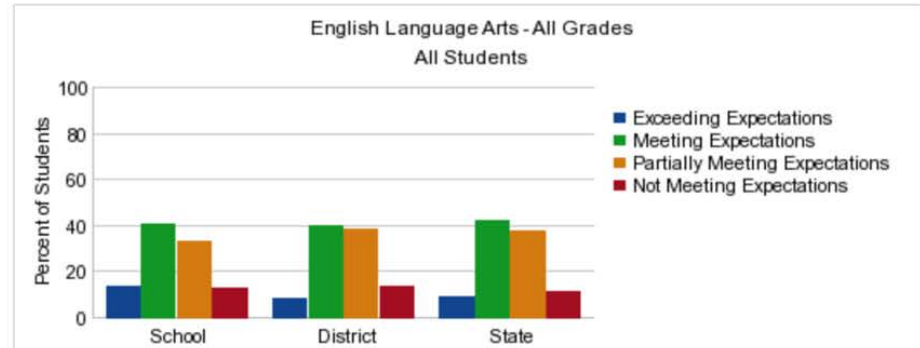
- Teachers will work with the Literacy Coach on teaching students how to read and understand the science text so that students can better understand how to answer open response questions.

Math

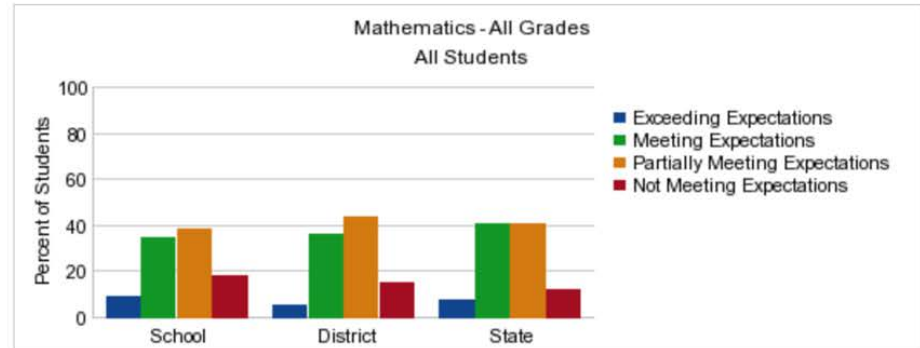
- Teachers will work with the Math Coach and look at scores to identify specific, targeted areas of instruction required to move all students to the next level.

Linden Grades 3-8 Spring 2018

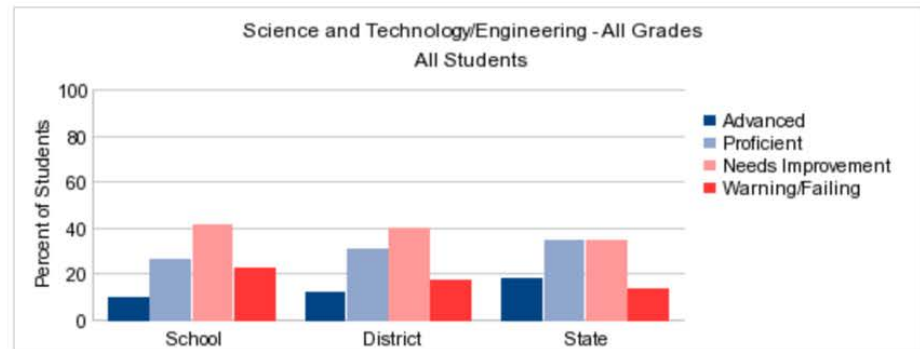
English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	76	13	8	9
Meeting Expectations	233	41	40	42
Partially Meeting Expectations	191	33	39	38
Not Meeting Expectations	72	13	13	11
Total Included	572			



Mathematics	N Included	% School	% District	% State
Exceeding Expectations	53	9	6	7
Meeting Expectations	198	35	36	40
Partially Meeting Expectations	219	38	43	40
Not Meeting Expectations	102	18	15	12
Total Included	572			



Science and Technology/Engineering	N Included	% School	% District	% State
Advanced	18	10	12	18
Proficient	49	27	31	34
Needs Improvement	76	41	40	35
Warning/Failing	41	22	17	13
Total Included	184			



Salemwood School

Areas of Strength

Grade 4 ELA and Math

- Higher percentage are meeting and exceeding expectations than district and state.
- Grade 4 ELA increased by 17%.
- Grade 6 Math-higher percentage are meeting and exceeding than district and state

Grade 5 Science

- Higher percentage meeting/exceeding expectations than the district and increased by 9%.
- Increased all percentages from 2017 in Grades 4,6 and 8

Math, ELA Science

- SGP Met or Exceeded Target in all areas in Math and ELA except students with disabilities

Areas of Challenge

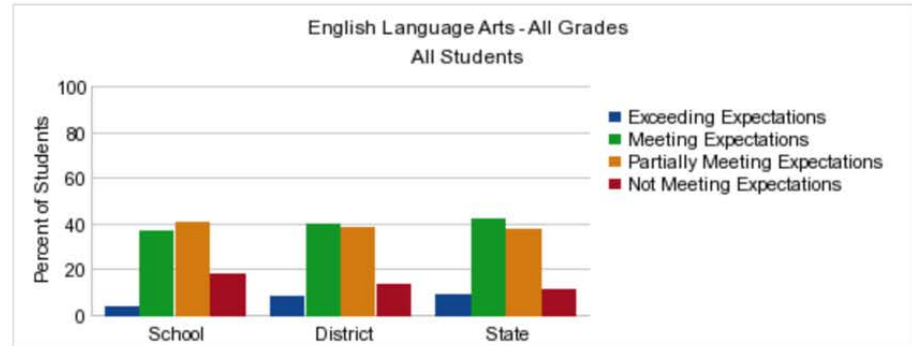
- SGP for students with disabilities in Math and ELA
- Grade 3 ELA and Math, Grade 5 ELA and Math, and Grade 7 Math- decrease in percentage of students that achieved meeting or exceeding expectations

Next Steps

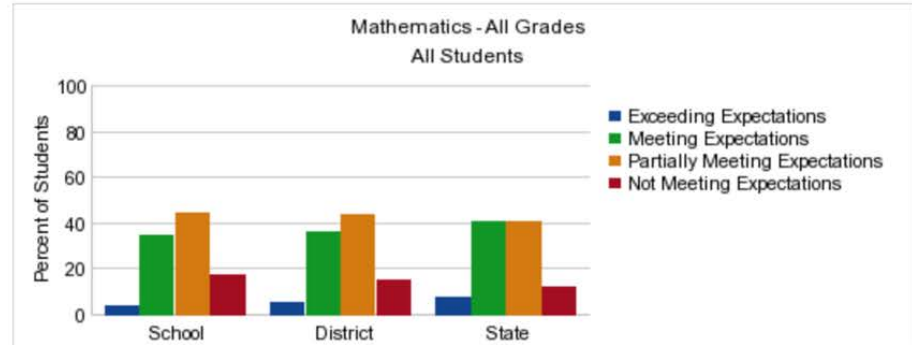
- Increase opportunities /review for open response by using Writing with Colors
- Discuss Item Analysis and overall trends in Grade level teams and at the
- Team Leader Meetings
- Meet with Students and families that are on the “cusp” to discuss a plan moving forward

Salemwood Grades 3-8 Spring 2018

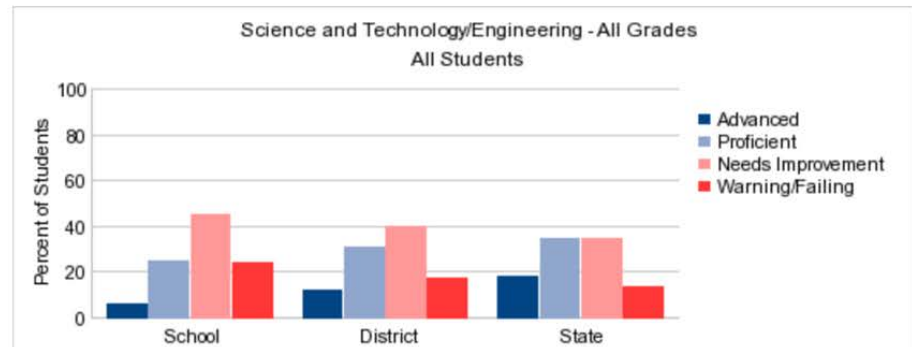
English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	29	4	8	9
Meeting Expectations	267	37	40	42
Partially Meeting Expectations	294	41	39	38
Not Meeting Expectations	133	18	13	11
Total Included	723			



Mathematics	N Included	% School	% District	% State
Exceeding Expectations	29	4	6	7
Meeting Expectations	249	34	36	40
Partially Meeting Expectations	321	44	43	40
Not Meeting Expectations	124	17	15	12
Total Included	723			



Science and Technology/Engineering	N Included	% School	% District	% State
Advanced	16	6	12	18
Proficient	63	25	31	34
Needs Improvement	115	45	40	35
Warning/Failing	62	24	17	13
Total Included	256			



Beebe School

Areas of Strength

Grade 6

- Overall SGP in ELA - 77.3% with ELs at 78.3% and High Need Students at 77.8%
- Overall SGP in Math - 84.9% with ELs at 86.1% and High Need Students at 82.8%

Grade 7

- Overall SGP in ELA - 74.5% with ELs at 74.0% and High Need Students at 76.8%
- Overall SGP in Math - 59.2% with ELs at 58.9% and High Need Students at 57.7%

Grade 8

- 54% of all students in ELA are meeting and/or exceeding expectations
- 70% of all students in Math are meeting and/or exceeding expectations

Areas of Challenge

Primary Grades (4-5) ELA and Math SGP/Expectations

Grade 4

- Overall SGP in ELA - 47.3% with ELs at 46.3% and High Need Students at 46.8%
- Overall SGP in Math - 41.9% with ELs at 40.6% and High Need Students at 43.5%

Grade 5

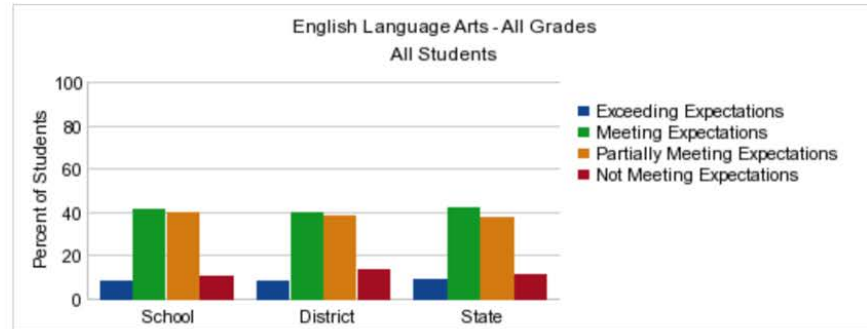
- 36% of all students in ELA are meeting and/or exceeding expectations
- Overall SGP in Math - 30.7% with ELs at 29.2% and High Need Students at 33.2%
- 35% of all students in Math are meeting and/or exceeding expectations

Next Steps

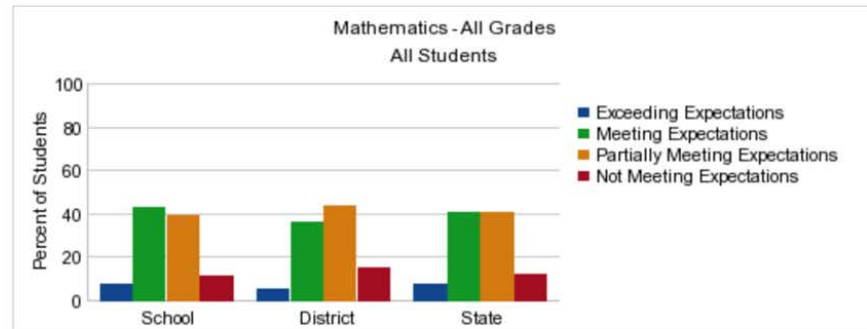
- **Strengthen Student Teacher Assistance Team (STAT) Process and Protocols**
- **Strengthen Student Support Team (SST)** - administrative support for students, staff and families
- **Coordination of building based teams** - classroom teachers, support staff, students, families
 - Increased, positive family engagement
 - Volunteer Initiative - Increased Student Support
 - Parent Aspirations - Increased, positive parent involvement
 - Parents as partners understanding student data and needs
 - Staff and Student Aspiration Teams

Beebe Grades 3-8 Spring 2018

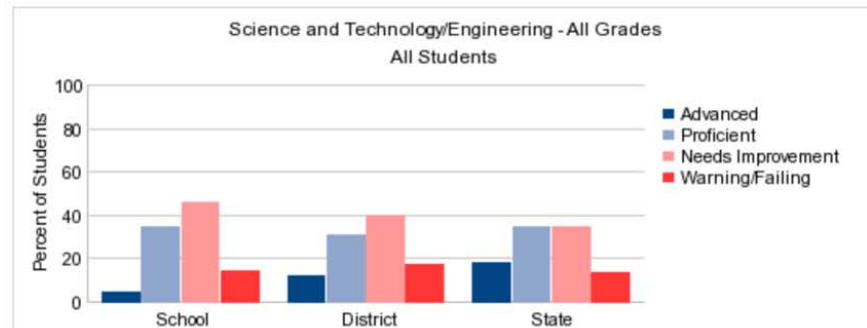
English Language Arts	N Included	% School	% District	% State
Exceeding Expectations	47	8	8	9
Meeting Expectations	233	41	40	42
Partially Meeting Expectations	224	40	39	38
Not Meeting Expectations	58	10	13	11
Total Included	562			



Mathematics	N Included	% School	% District	% State
Exceeding Expectations	41	7	6	7
Meeting Expectations	240	43	36	40
Partially Meeting Expectations	220	39	43	40
Not Meeting Expectations	62	11	15	12
Total Included	563			



Science and Technology/Engineering	N Included	% School	% District	% State
Advanced	9	5	12	18
Proficient	68	35	31	34
Needs Improvement	90	46	40	35
Warning/Failing	28	14	17	13
Total Included	195			



District View: Math

Areas of Strength	Areas of Challenge	Next Steps
<ul style="list-style-type: none">● Continue to exceed state on Student Growth Percentiles (SGPs) in grades 3-8 (53.3 vs 50.0)● Improvement in Grade 3-8 EL and former EL results (2017: 33% ≥Proficient vs 2018: 39% ≥Proficient)● Lowest performing student exceeded State target for achievement● Grades 3-8 met DESE targets for 8 out of 9 subgroups	<ul style="list-style-type: none">● Improvement at the HS remains flat● Open response questions have plateaued.● Some sub-groups continue to struggle, particularly EL and students with disabilities	<ul style="list-style-type: none">● Continue usage of Writing with Colors● Continue focus on Writing across the curriculum● Advocate for increased staff to provide targeted instruction to struggling math students

District View: Science

Areas of Strength	Areas of Challenge	Next Steps
<ul style="list-style-type: none">● Significant improvement in HS Science (2017: 66% \geqProficient vs 2018: 82% \geqProficient)● Decreased percentage of grade 8 students in Warning (2017: 31%; 2018: 27%)● Continued increase in percentage of grade 5 students \geq Proficient (2016: 30%; 2017: 36%; 2018: 40%)	<ul style="list-style-type: none">● Grade 8 Open-response question scores are lagging● Inconsistencies in scores between the K-8 buildings.● Some sub-groups continue to struggle, particularly EL and students with disabilities	<ul style="list-style-type: none">● Continued shifting of our Curriculum into alignment with the 2016 Mass Science Standards● Increase hands-on opportunities in science● Continue to work with literacy coaches to improve student written responses● Continued advocacy for increased staff to provide targeted instruction to struggling science students

District View: ELA

Areas of Strength

ELA Achievement Grades 3-8

- Met or Exceeded Achievement Targets in all sub-groups except for special ed. (improved, but below target) and African American (no change).
- Percentage of Grade 6 and 7 ELA students meeting or exceeding standards is above state average.

ELA SGP Grades 3-8

(measurement of student growth)

- All subgroups met or exceeded targets except for special education sub-group (just missed target by 2 points)

Areas of Challenge

Grade 10 ELA

- Overall shows a decline / flat performance in CPI.
- SGP is below target for all subgroups.

Grades 3-8

- Need to continue to make steady gains and close small gaps in sub-groups.

Next Steps

- Work with DESE-related resources (i.e. Regional DSAC) to identify gaps in achievement / growth and use the data to craft a year-long action plan.
- Offer MCAS-related professional learning opportunities for teachers (both in school and beyond school day).
- Continue to work with colleagues in student services to identify best practices in co-teaching.

District View: ELE

Areas of Strength			Areas of Challenge			Next Steps
<u>Grades 3-8 SGP</u>			<u>Grade 10 SGP</u>			<ul style="list-style-type: none"> • Target explicit instruction based on needs • Provide before and/or after school content support (Title III) • Hire Literacy Assistant (Title III)
	ELA	Math		ELA	Math	
Malden	57.8	55.6	Malden	45.8	46.7	
State	49.6	48.6	State	49.9	47.5	
<u>Grade 10 CPI (Advance & Proficient) SPG-N/A</u>						
	Science					
Malden	77.0					
State	68.4					

District View: Special Education

Areas of Strength

3-10/Alt. Assessments for Sub-Separate programs

- Students earned Levels 3 and 4 for *Level of Complexity* and *Demonstration of Skills* in ELA and Mathematics.

3-8 Inclusion

- Grade 7 Mathematics - 11% of students Exceed/Meet Expectations
- Grade 6 ELA - 12% of students Exceed/ Meet Expectations
- Grade 8 ELA - 14% Exceed/ Meet Expectations

MHS

- Four Year Graduation rate Exceeded expectations

Areas of Challenge

3-10/Alt. Assessments for Sub-Separate programs

- Students performed up to Level 2 on *Self-Evaluation* and *Generalized Performance* in all subjects.

3-8 Inclusion

- Science, Technology, & Mathematics presents challenges, specifically at Grades 3, 4, 5, 8

MHS

- CPI in ELA has declined in all sub groups
- CPI in Math has declined in sub groups
- SGP in ELA and Math below target.

Next Steps

3-10/Alt. Assessments for Sub-Separate programs:

- Teachers attend State trainings.
- Offer PD on MCAS Alternative Portfolio development.
- Review current self-evaluation tools in place, compare with state models, & update and align.
- Math coaches spend time in Grade 3 classrooms.
- Continue with Writing with Colors in all grades
- Student support educators attend district math PD
- Co-Teachers will attend Professional development in inclusive practices
- Explore options around MCAS enrichment opportunities

5 DP Snapshot (Urban Districts Only) – Percentage of Students Meeting / Exceeding Expectations

Assessment Area	Malden	Chelsea	Everett	Revere
Reading 3	41	36	41	48
Math 3	34	46	39	53
ELA 4	49	38	44	50
Math 4	41	39	42	44
ELA 5	46	26	38	53
Math 5	32	17	32	40
Science 5	40	16	31	41

5 DP Snapshot (Urban Districts Only) – Percentage of Students Meeting / Exceeding Expectations

Assessment Area	Malden	Chelsea	Everett	Revere
ELA 6	53	23	36	42
Math 6	50	21	34	37
ELA 7	52	20	32	44
Math 7	45	17	30	40
ELA 8	46	26	35	41
Math 8	50	19	26	43
Science 8	28	13	23	26

**5 DP Snapshot (Urban Districts Only) – Percentage of Students
Advanced/Proficient**

Assessment Area	Malden	Chelsea	Everett	Revere
ELA 10	80	65	81	83
Math 10	73	35	58	67
Science 10	66	35	61	69

Our Next Steps

- Maintain and sustain a safe and positive school climate.
- Analyze benchmark assessment data to drive instruction.
- Implement “Writing with Colors” in all grades.
- Work with partners to identify and address achievement gaps.
- Identify best practices at all levels, and work to create a cohesive transition from middle school to high school.

MPS Believes

- Every student can and will succeed academically.
- Every student can and will succeed socially.
- Every student can and will succeed emotionally.
- Every student and family will feel connected and supported.
- Malden Public Schools will meet the needs of all students with a focus on continuous improvement.