

MCAS Data Presentation Winthrop Public Schools

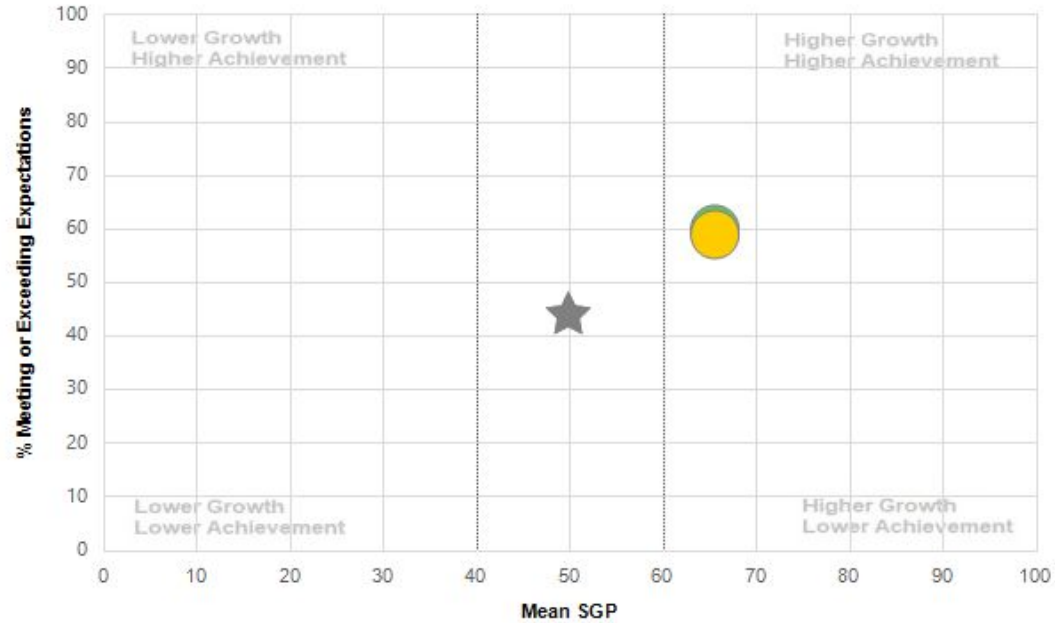
Spring 2023

Lori A. Gallivan

Assistant Superintendent, Curriculum, Instruction & Accountability

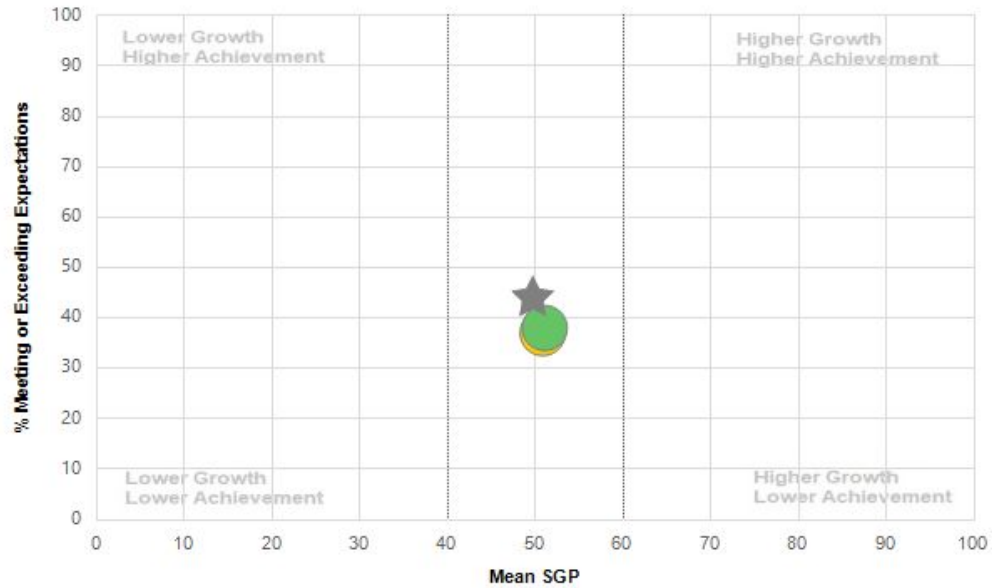
November 13, 2023

2023 MCAS ELA : District Growth Grade 5



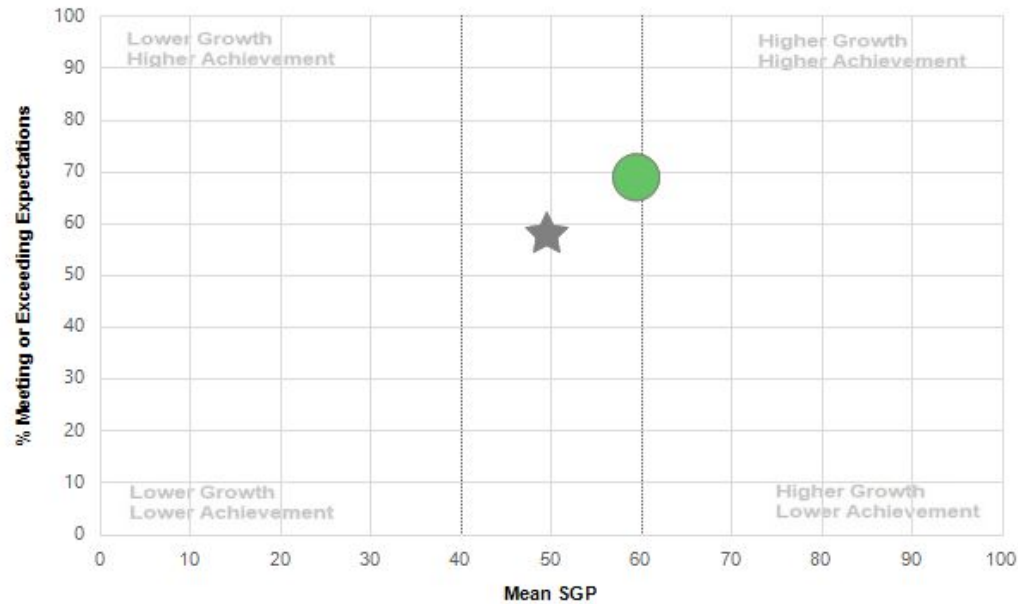
	Mean SGP	No. of Students Included in SGP	% Meeting or Exceeding Expectations	No. of Students Included in Achievement
Arthur T. Cummings Elementary School (03460020)	66	111	60	117
Winthrop (03460000)	66	111	59	119

2023 MCAS ELA : District Growth Grade 8



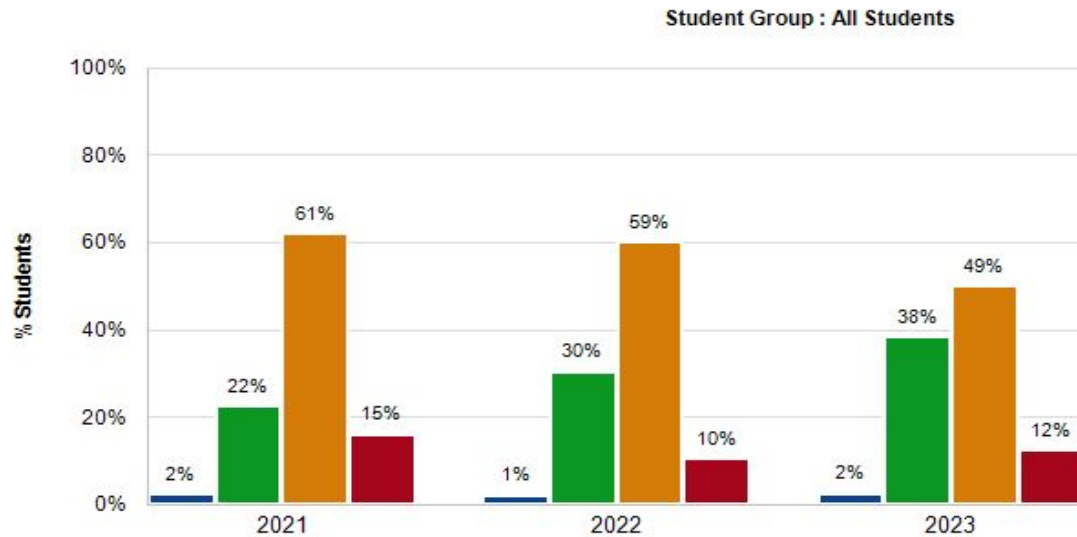
	Mean SGP	No. of Students Included in SGP	% Meeting or Exceeding Expectations	No. of Students Included in Achievement
Winthrop (03460000)	51	128	37	141
Winthrop Middle School (03460305)	51	127	38	133

2023 MCAS ELA : District Growth Grade 10



	Mean SGP	No. of Students Included in SGP	% Meeting or Exceeding Expectations	No. of Students Included in Achievement
Winthrop (03460000)	59	123	69	140
Winthrop High School (03460505)	59	123	69	137

2021 - 2023 MCAS Math : District Achievement Grade 5

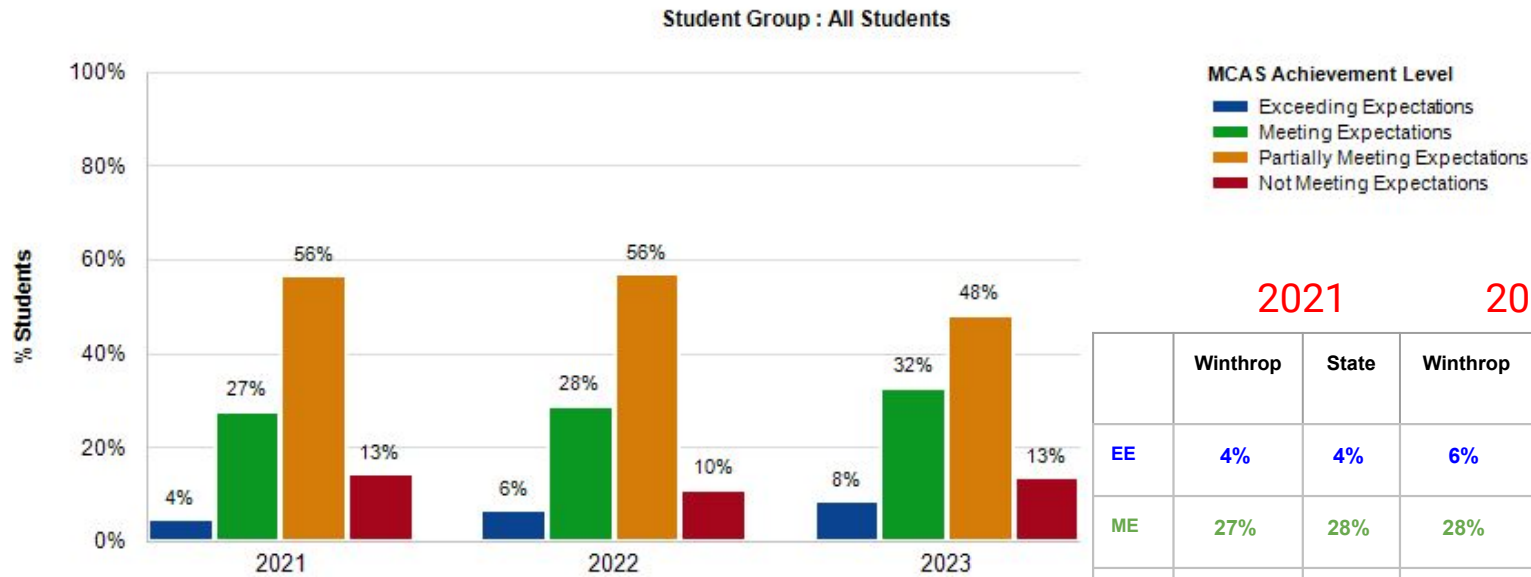


MCAS Achievement Level

- Exceeding Expectations
- Meeting Expectations
- Partially Meeting Expectations
- Not Meeting Expectations

	2021		2022		2023	
	Winthrop	State	Winthrop	State	Winthrop	State
EE	2%	4%	1%	4%	2%	5%
ME	22%	29%	30%	32%	38%	36%
PM	61%	47%	59%	48%	49%	46%
NM	15%	20%	10%	16%	12%	13%
AS	488	490	493	495	495	495
Mean SGP	21	32	58	50	67	50
PR	99%	97%	98%	99%	100%	99%

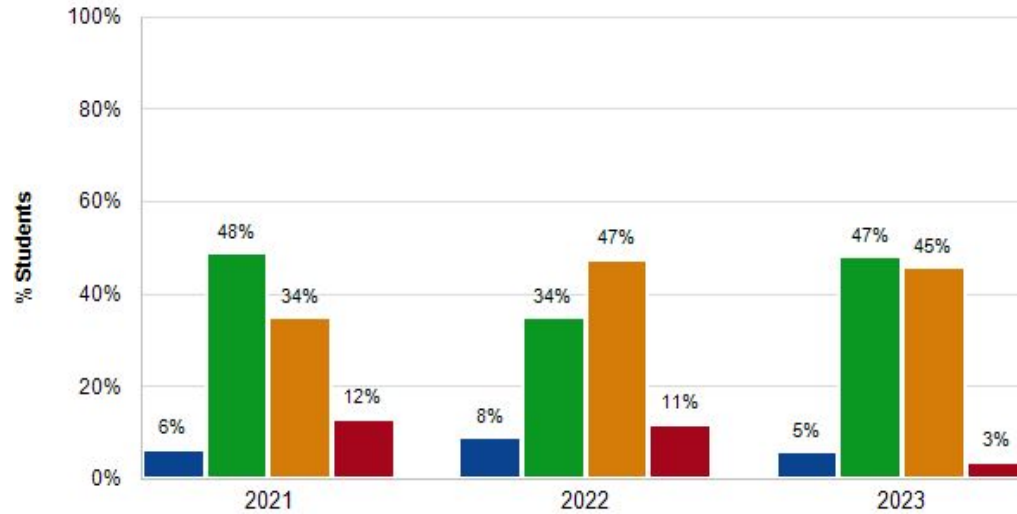
2021 - 2023 MCAS Math : District Achievement Grade 8



	2021		2022		2023	
	Winthrop	State	Winthrop	State	Winthrop	State
EE	4%	4%	6%	7%	8%	7%
ME	27%	28%	28%	29%	32%	30%
PM	56%	46%	56%	47%	48%	42%
NM	13%	21%	10%	17%	13%	20%
AS	491	489	495	493	497	493
Mean SGP	25	27	51	50	61	50
PR	98%	93%	100%	98%	99%	98%

2021 - 2023 MCAS Math : District Achievement Grade 10

Student Group : All Students



MCAS Achievement Level

- Exceeding Expectations
- Meeting Expectations
- Partially Meeting Expectations
- Not Meeting Expectations

2021

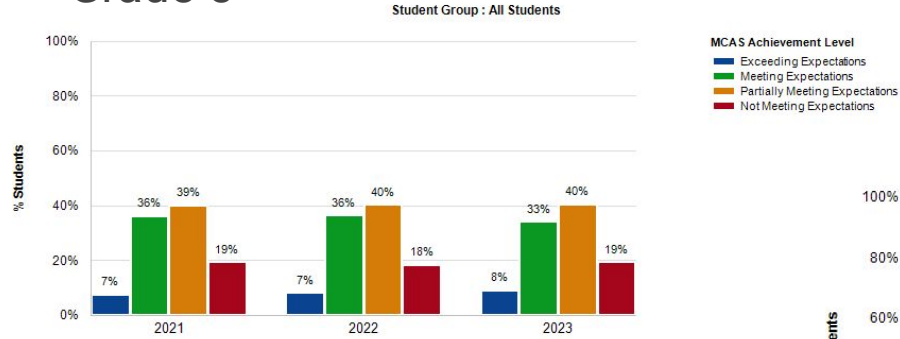
2022

2023

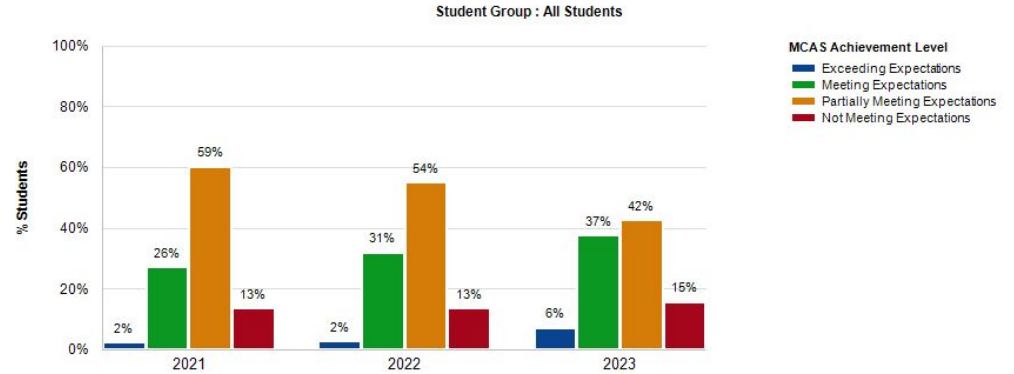
	Winthrop	State	Winthrop	State	Winthrop	State
EE	6%	11%	8%	11%	5%	10%
ME	48%	41%	34%	38%	47%	40%
PM	34%	36%	47%	40%	45%	42%
NM	12%	12%	11%	10%	3%	9%
AS	499	501	499	501	502	500
Mean SGP	38	37	44	50	46	50
PR	99%	89%	99%	98%	99%	97%

Science MCAS - Grades 5, 8 & 9th Grade Biology

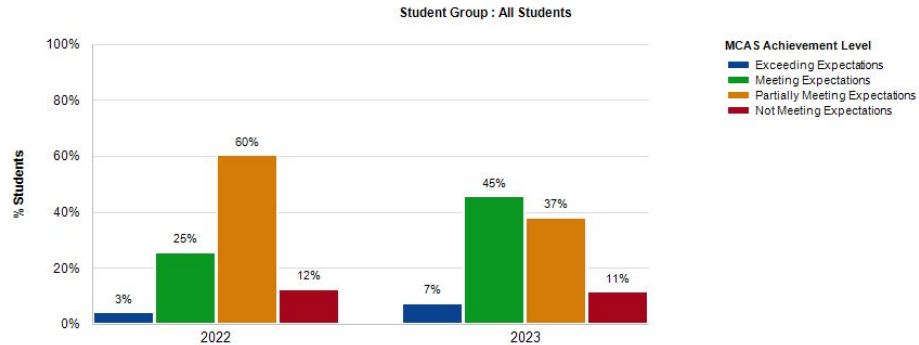
Grade 5



Grade 8



Grade 9





GFB Literacy and Math Data Over Time 2022-23



W.P. Gorman Fort Banks Elementary School - Mark McAneny - Principal

Achieving Excellence

Current Programming and Assessments used as the Fort prepares students for higher educational experiences

STAR Reading Assessment - Renaissance Learning, Inc.

CBM (Curriculum Based Measurement) -



Story Town - Letterland - Heggerty

Lexia Core 5



i-Ready

Lexia





GFB Literacy and Math Data Over Time 2021-23



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Lexia Core 5 Lexia





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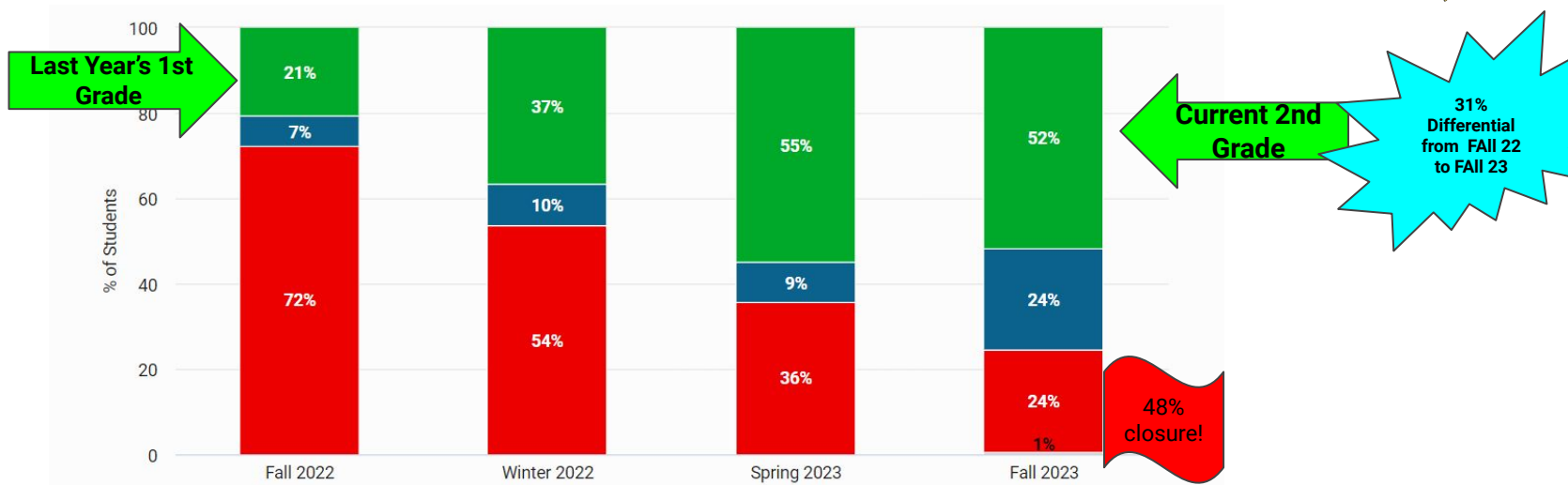
Lexia Core 5

Lexia

IReady



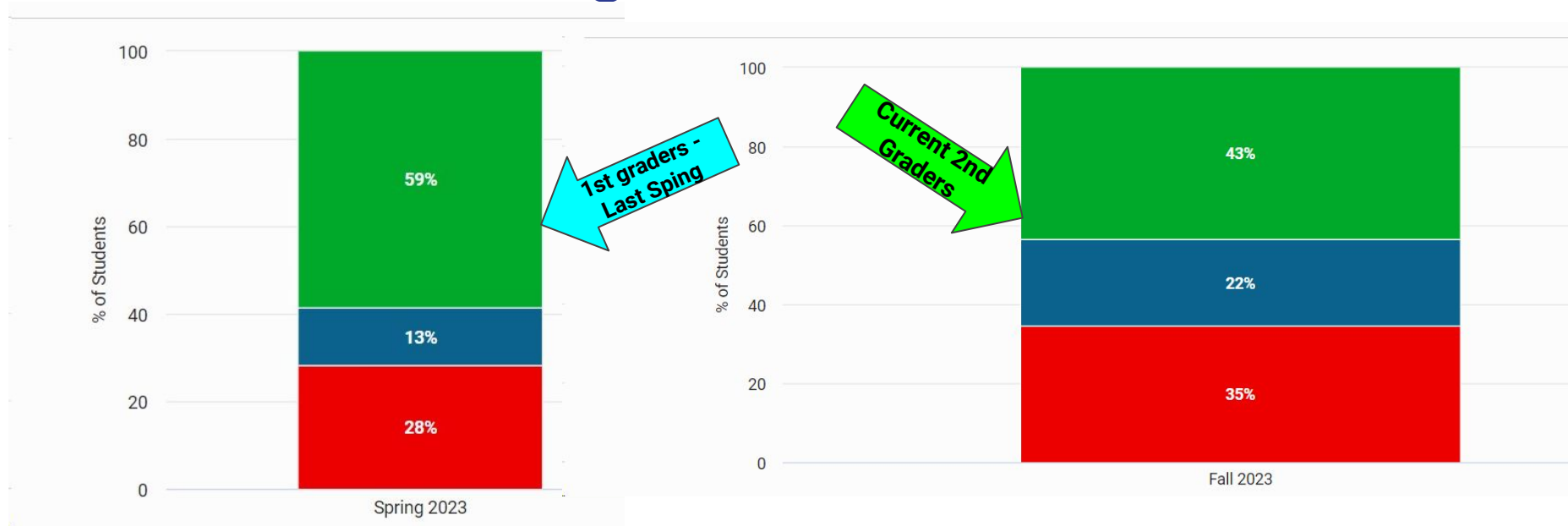
ELA Fall Data (STAR Early Literacy)



Overview of Expressive Nonsense Word Fluency (ENW)

- In the fall of 2022, 21% of our first graders (now the current second grade class) demonstrated proficiency in ENW. In the fall of 2023, 52% of our current 2nd graders are now proficient in ENW.

ELA STAR Reading Assessment Data



Overview of Oral Reading Fluency

- In the Spring of 2023, 59% of the first grade class (current second graders) were proficient in Oral Reading Fluency. In the Fall of 2023, 43% of the current second graders were proficient in Oral Reading Fluency.

Comprehension



Renaissance Star Reading Data		
Grade 2: Fall 2022		
Exceeding	11 students	8%
Meeting	34 students	24%
Partially Meeting	39 students	27%
Not Meeting	59 students	41%

32%

68%

Renaissance Star Reading Data		
Grade 2: Fall 2023		
Exceeding	17 students	11%
Meeting	50 students	31%
Partially Meeting	31 students	19%
Not Meeting	61 students	38%

42%

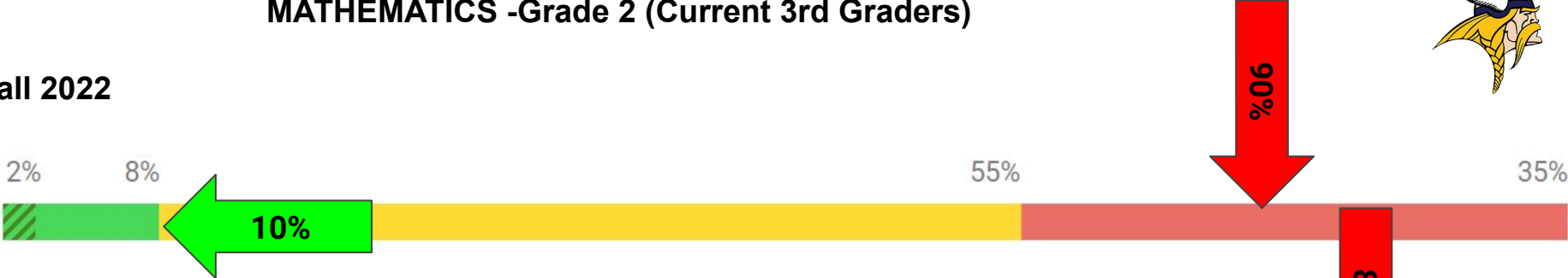
57%

- comprehension, 32% of 2nd grade students were meeting or exceeding expectations in the fall of 2022, with 68% of students not meeting the grade level expectations.
- In the fall of 2023, 42% of students are currently meeting or exceeding grade level expectations in comprehension, with 57% of students not meeting.

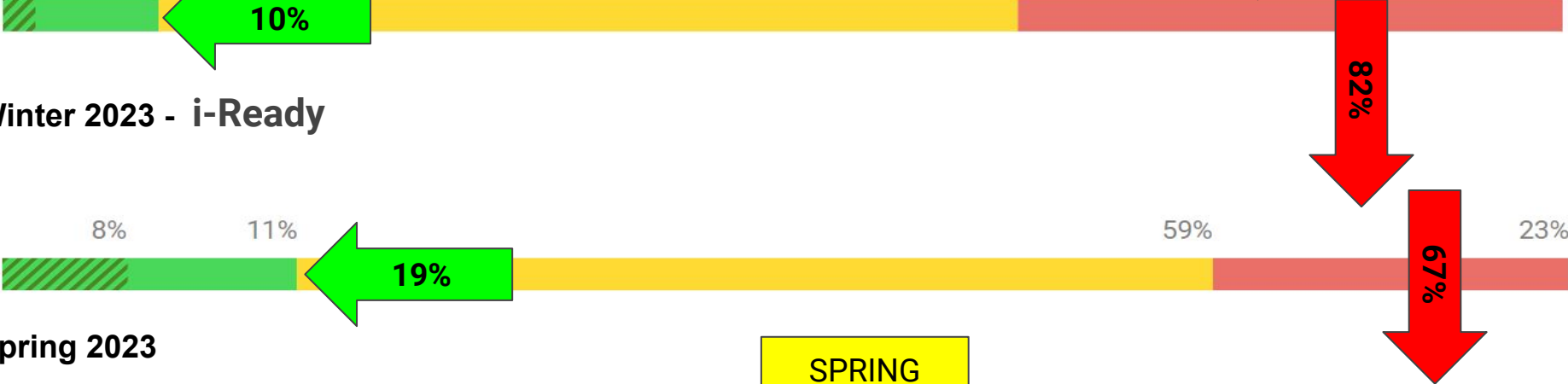
MATHEMATICS -Grade 2 (Current 3rd Graders)



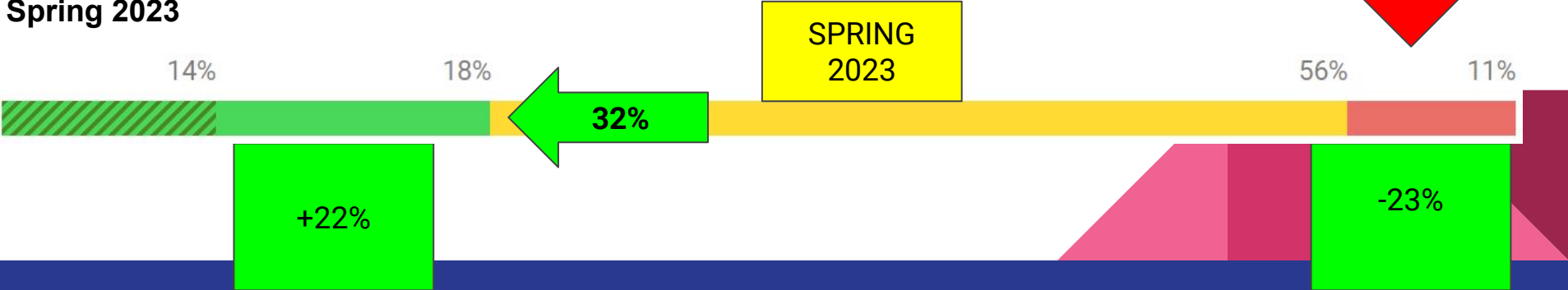
Fall 2022



Winter 2023 - i-Ready




Spring 2023



What are we doing to Continue to support our learners?

How are we improving Math and ELA instruction and student achievement?

- Implemented the DESE-defined high-quality Illustrative Math program in grades K-8, ensuring consistency across grade levels.
 - Provided teachers with professional development and classroom observation opportunities.
 - Equipped classrooms with IM manipulative and center kits through a DESE grant.
 - Added a part-time math coach to support and guide teachers.
 - Exploring High Quality Curriculum adoption for Tier 1 instruction in grades K - 5
- 

School Data

Arthur T. Cummings Elementary School

Current Grades, 4th, 5th and 6th

Principal, Andrea O'Leary

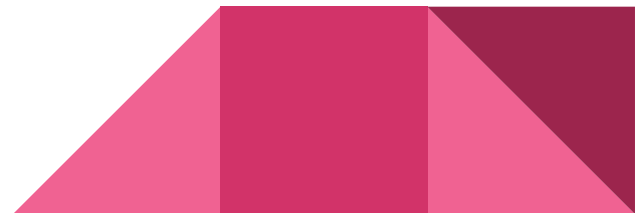


Current 4th Grade

% Meeting or Exceeding Expectations		
	District	State
ELA	42%	44%
Math	40%	41%

Highlights

- The average scaled score of High Needs students in Winthrop was on par with state at 486
- The amount of students Exceeding Expectations in Math went up 5% and the amount of students Meeting Expectations in Math went up 15%



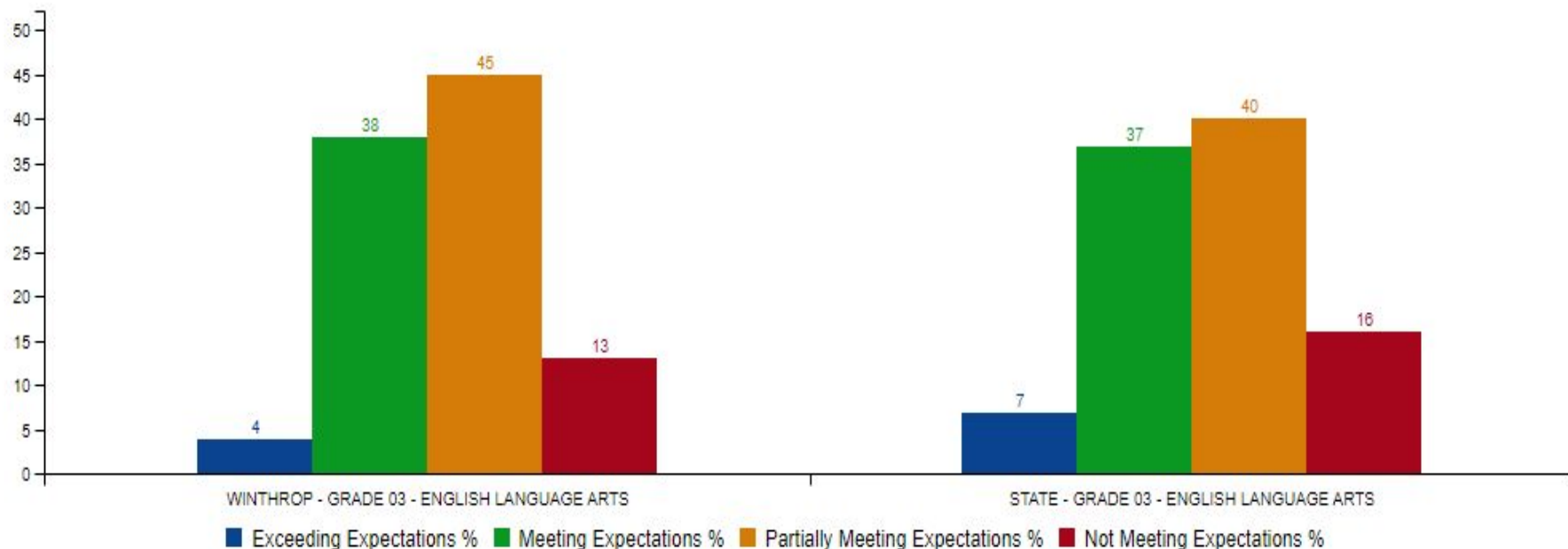
Next Generation MCAS Tests 2023

Percent of Students at Each Achievement Level for Winthrop

Data Last Updated September 19, 2023.



[More about the data](#)



Grade 3 - ELA (Current Grade 4)

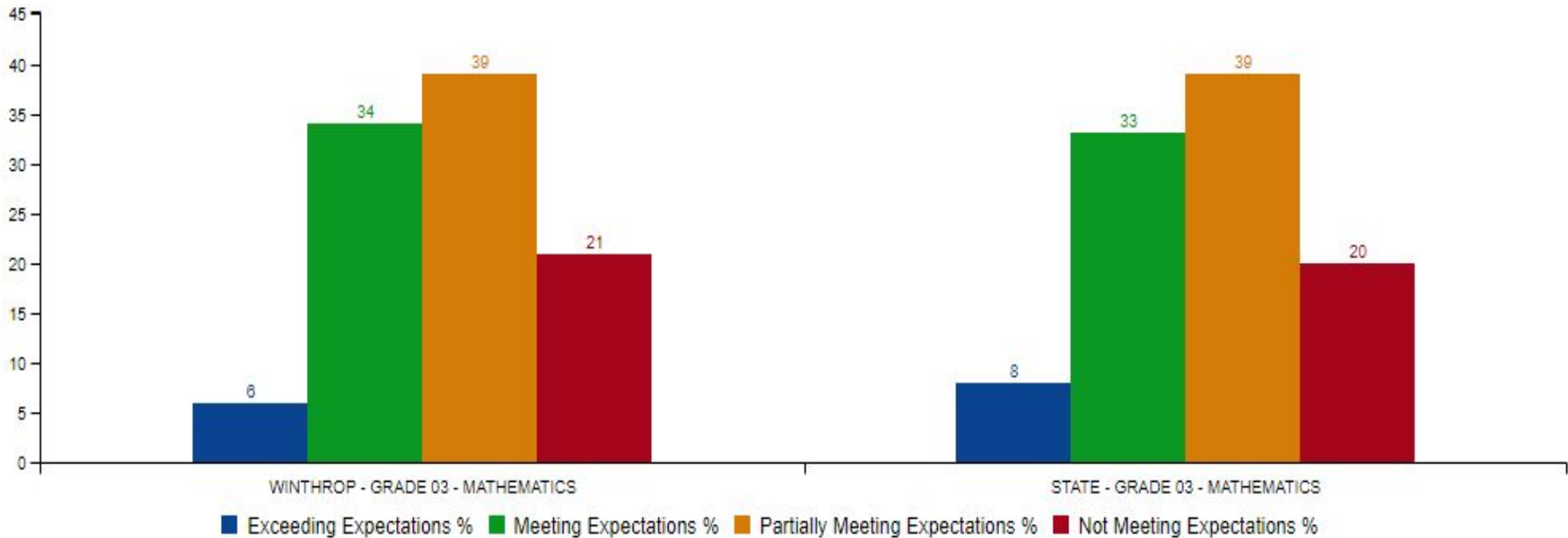
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Grade 3 - Math (Current Grade 4)

Current 5th Grade

% Meeting or Exceeding Expectation		
	District	State
ELA	36%	40%
Math	30%	45%

Highlights

- The amount of students in Winthrop Exceeding Expectations in Math went up 2%
- 27% of WPS EL and Former EL students were Meeting Expectations in ELA compared to 20% in the state of MA



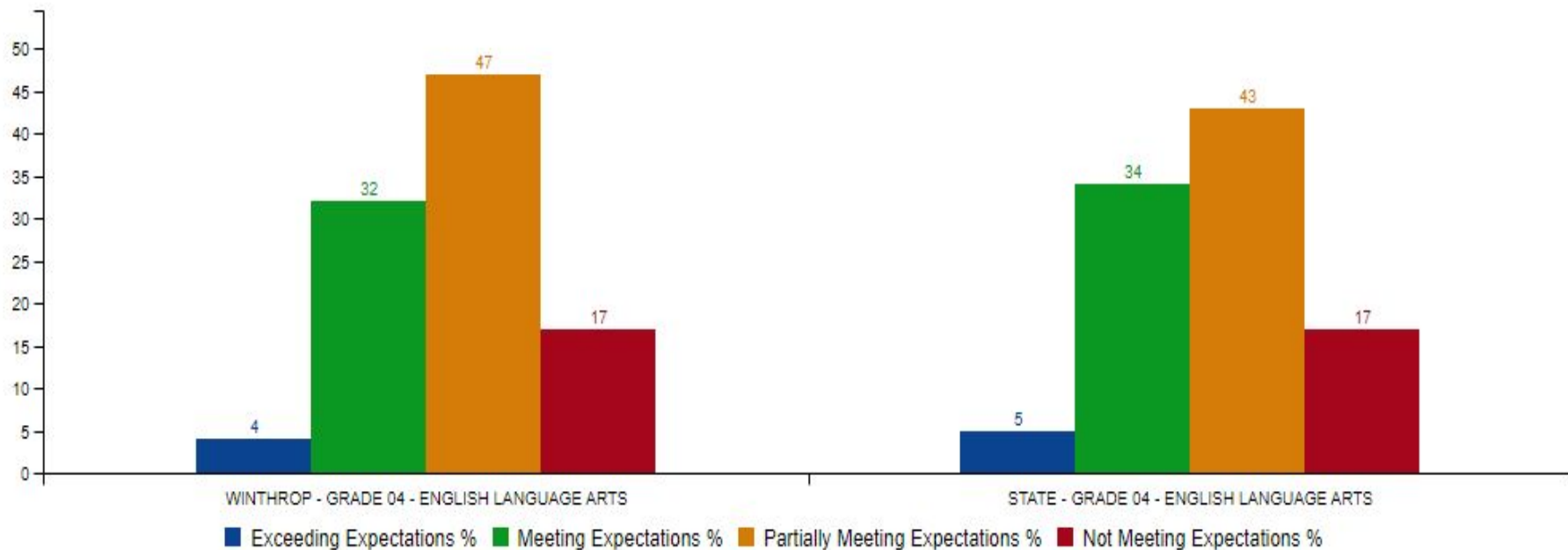
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Grade 4 - ELA (Current Grade 5)

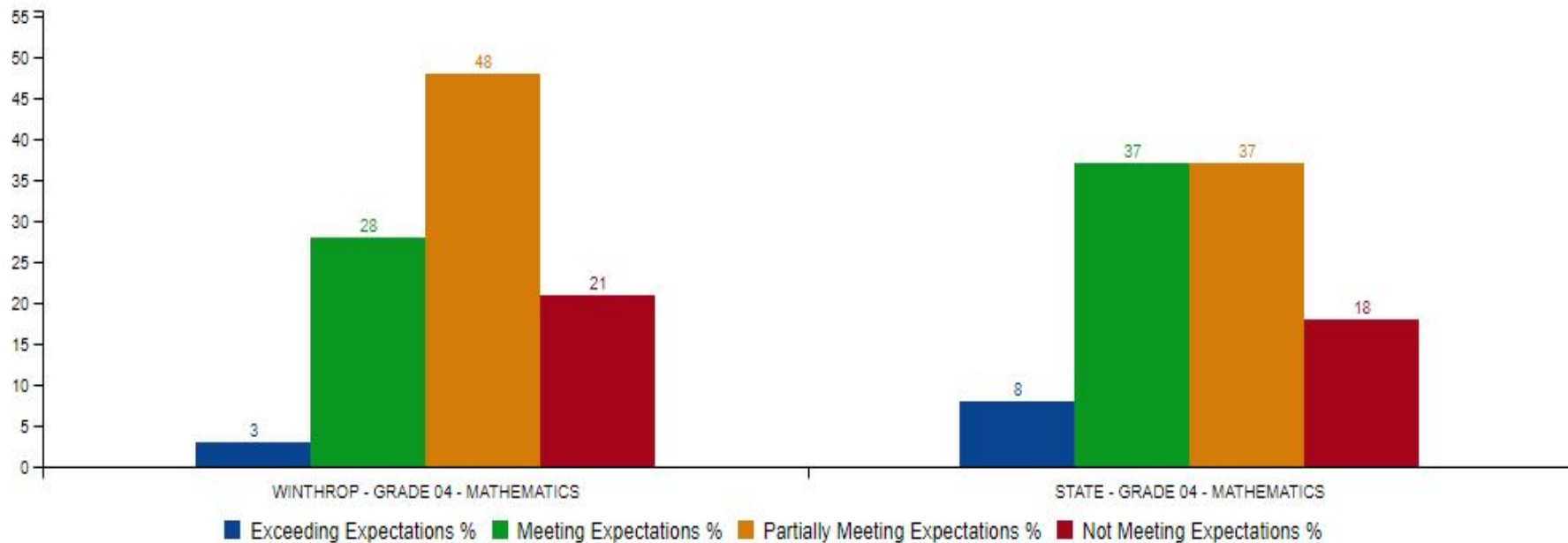
Next Generation MCAS Tests 2023

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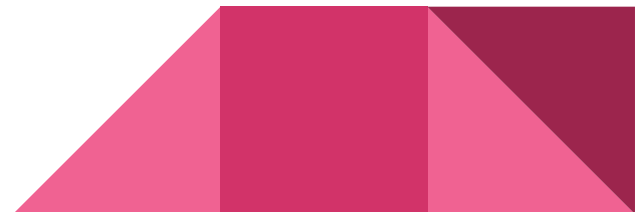
Grade 4 - Math (Current Grade 5)

Current 6th Grade

% Meeting or Exceeding Expectation		
	District	State
ELA	59%	44%
Math	39%	41%
Science	42%	42%

Highlights

- Average SGP of 66 in ELA and 67 in Math compared to 50 in ELA and 50 in Math in MA
- The amount of Winthrop students Meeting Expectations in both ELA and Math went up 8%



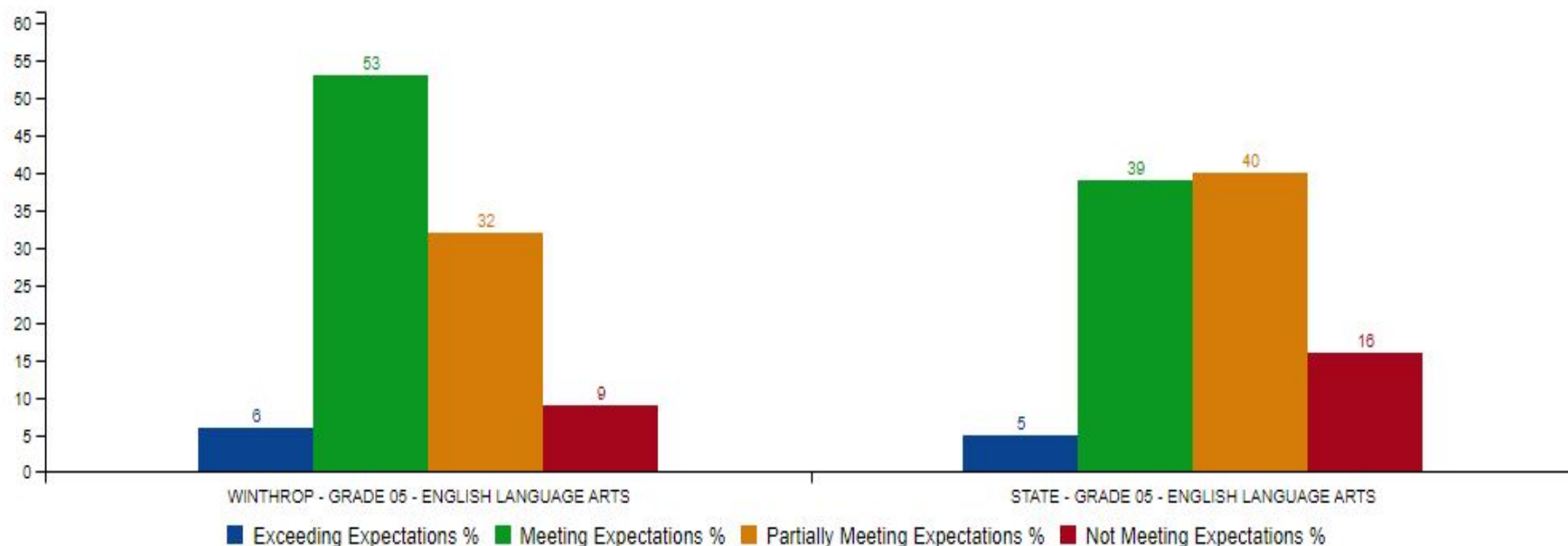
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Grade 5 - ELA (Current 6th Grade)

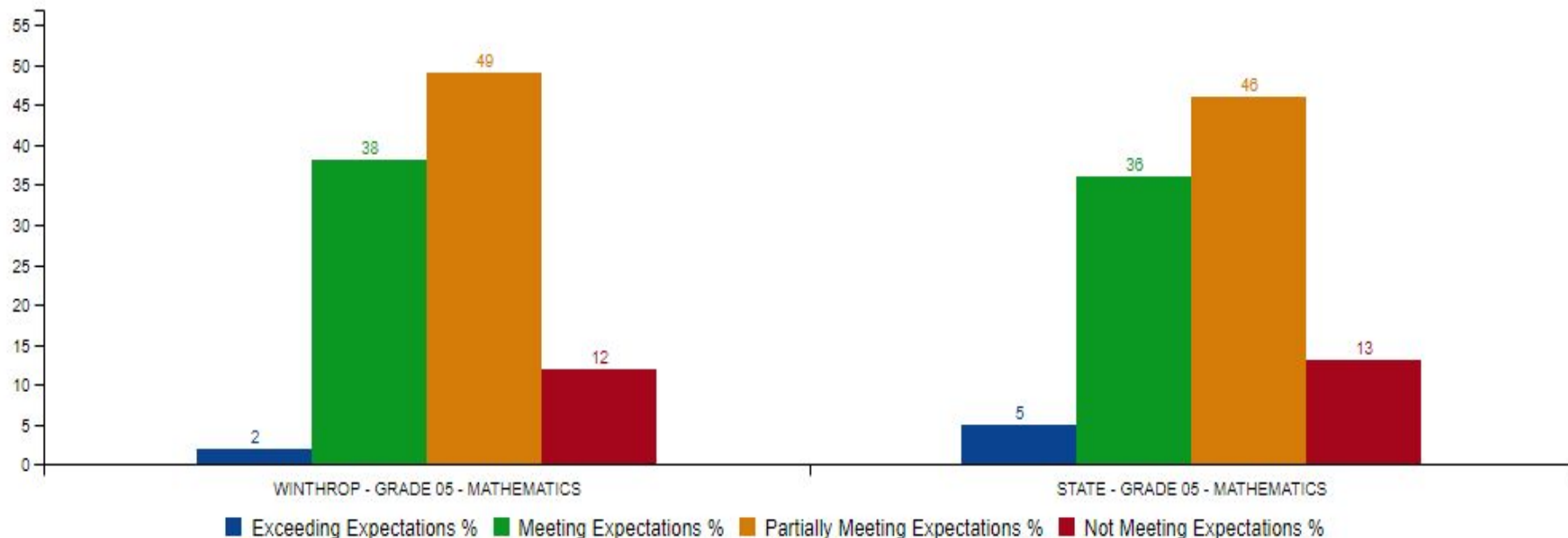
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Grade 5 - Math (Current 6th Grade)

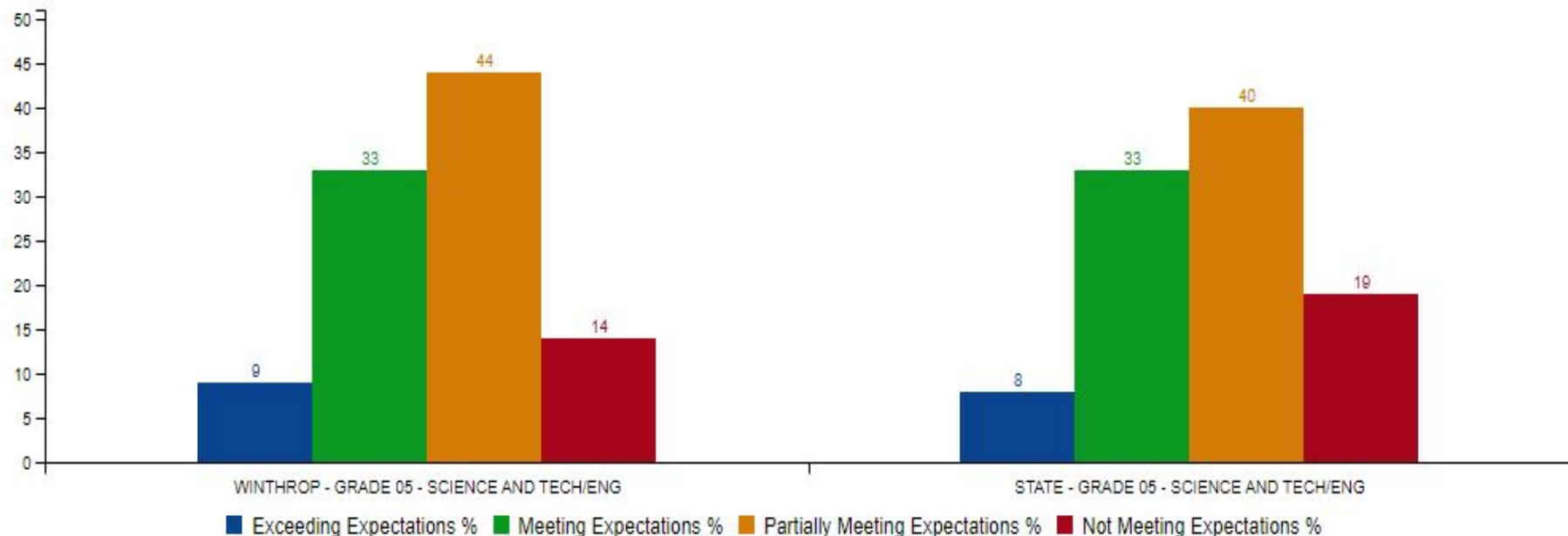
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[More about the data](#)



Grade 5 - Science (Current 6th Grade)

ATC Reasons to Celebrate!!

- Grade 3
 - Math went from 20% of students meeting/exceeding expectations in 2022 to 40% of students meeting/exceeding expectations in 2023
- Grade 4
 - The average SGP of students in Math was 52 compared to 46 in Revere and 43 in Boston
- Grade 5
 - Math went from 31% of students meeting/exceeding expectations in 2022 to 40% of students meeting/exceeding expectations in 2023
 - ELA went from 51% of students meeting/exceeding expectations in 2022 to 59% of students meeting/exceeding expectations in 2023



ATC Response to Data

- Continue to
 - target SPED and EL students in both ELA and Math
 - Exploring High Quality Curriculum adoption for Tier 1 instruction in grades K - 5
 - Intervene for students partially meeting/not meeting expectations
 - Implement daily RtI blocks for all grade levels in order to target students in need of intervention
 - Use benchmark testing throughout the year to monitor progress and provide support as needed
 - Continue to implement Illustrative Mathematics with fidelity to address math needs and accelerate learning
 - Implement Zearn tutoring with our neediest students who are not receiving support elsewhere
 - Use CPT in order to analyze and respond to grade level data
- Implement Mystery Science in all grade levels as a core standards-based science curriculum



School Data

Winthrop Middle School

Current Grades, 7th, 8th and 9th

Principal, Brian Curley



Current 7th Grade

% Meeting or Exceeding Expectation		
	District	State
ELA	56%	42%
Math	51%	41%

Highlights

- The number of Winthrop students Exceeding/Meeting Expectations in ELA went up 13%.
- 29% of Winthrop students with disabilities were Exceeding/Meeting Expectations in ELA compared with 11% in the state of MA and 33% of Winthrop students with disabilities were Exceeding/Meeting Expectations in Math compared to 12% in the state.

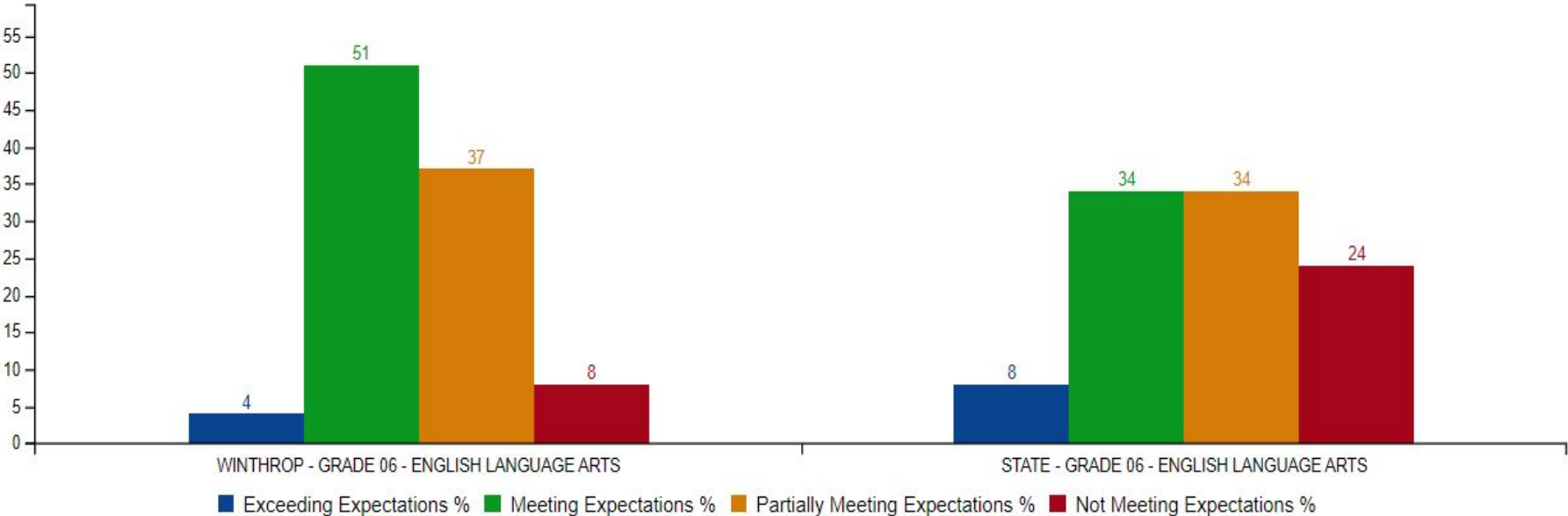
Next Generation MCAS Tests 2023

Percent of Students at Each Achievement Level for Winthrop

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[More about the data](#)



Grade 6 - ELA (Current 7th Grade)

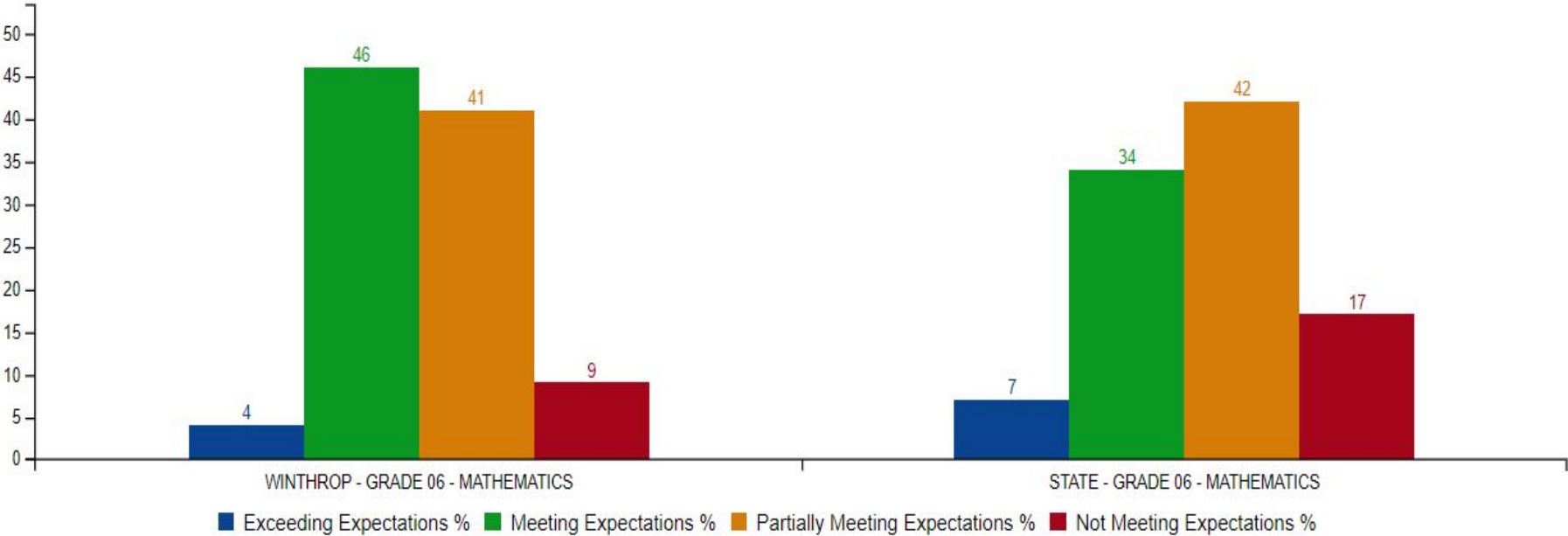
Next Generation MCAS Tests 2023

Percent of Students at Each Achievement Level for Winthrop

Data Last Updated September 19, 2023.



[More about the data](#)



Grade 6 - Math (Current 7th Grade)

Current 8th Grade

% Meeting or Exceeding Expectation		
	District	State
ELA	35%	40%
Math	46%	38%

Highlights

- The amount of Winthrop students Exceeding/Meeting Expectations in Math went up 8%.
- 25% of Winthrop EL and Former EL students were Exceeding/Meeting Expectations in Math compared to 16% of EL and Former EL students in the state.



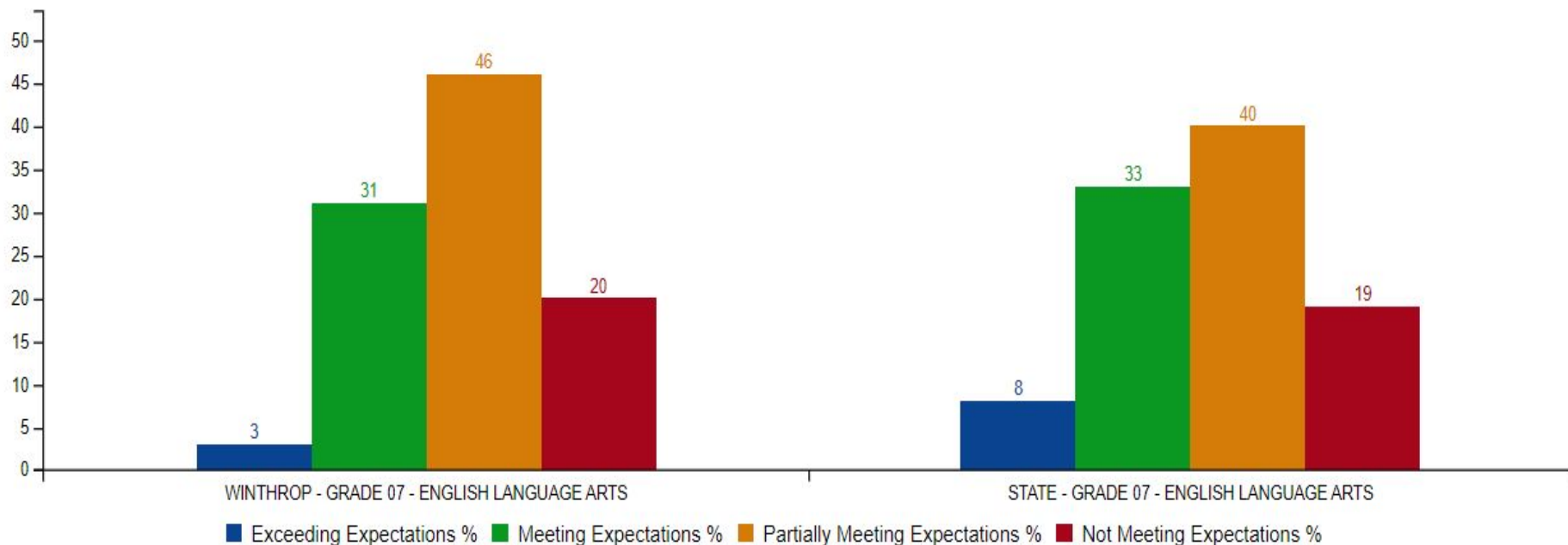
Next Generation MCAS Tests 2023

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[More about the data](#)



Grade 7 - ELA (Current 8th Grade)

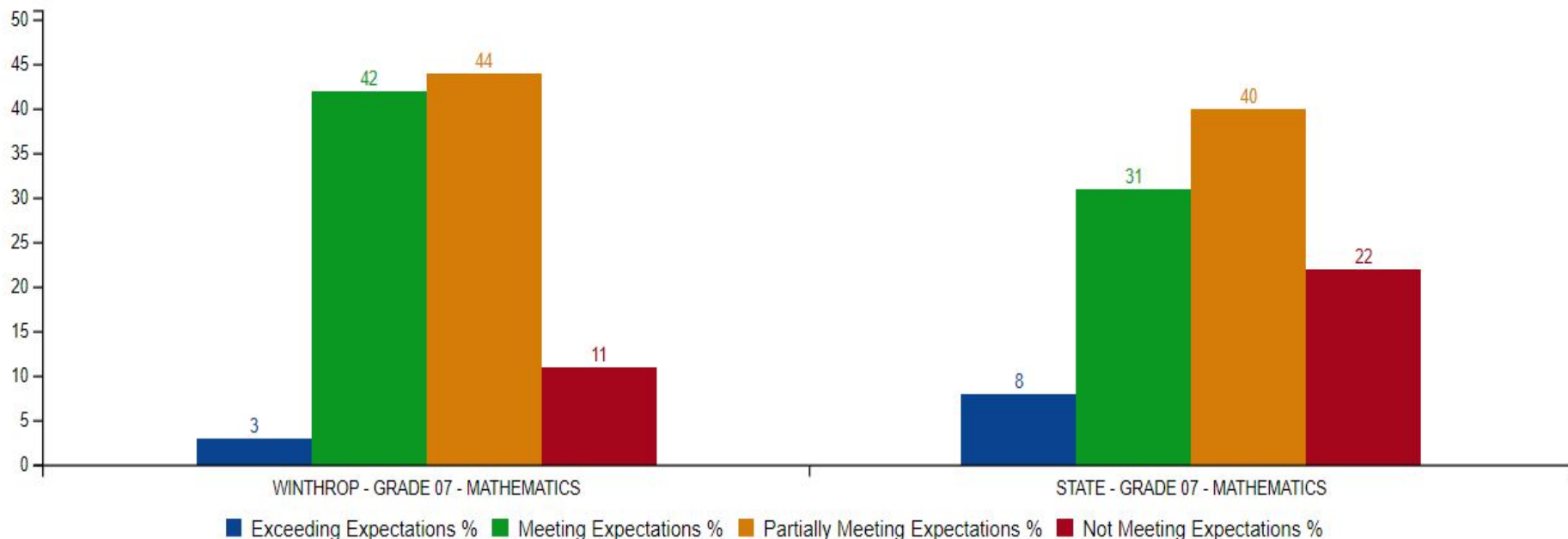
Next Generation MCAS Tests 2023

Percent of Students at Each Achievement Level for Winthrop

Data Last Updated September 19, 2023.



[More about the data](#)



Grade 7 - Math (Current 8th Grade)

Current 9th Grade

% Meeting or Exceeding Expectation		
	District	State
ELA	38%	44%
Math	42%	38%
Science	45%	41%

Highlights

- The amount of Winthrop students Exceeding Expectations and Meeting Expectations in Science went up 12%.
- 22% of Winthrop students with disabilities were Exceeding/Meeting Expectations in ELA compared to 12% of students with disabilities in MA.



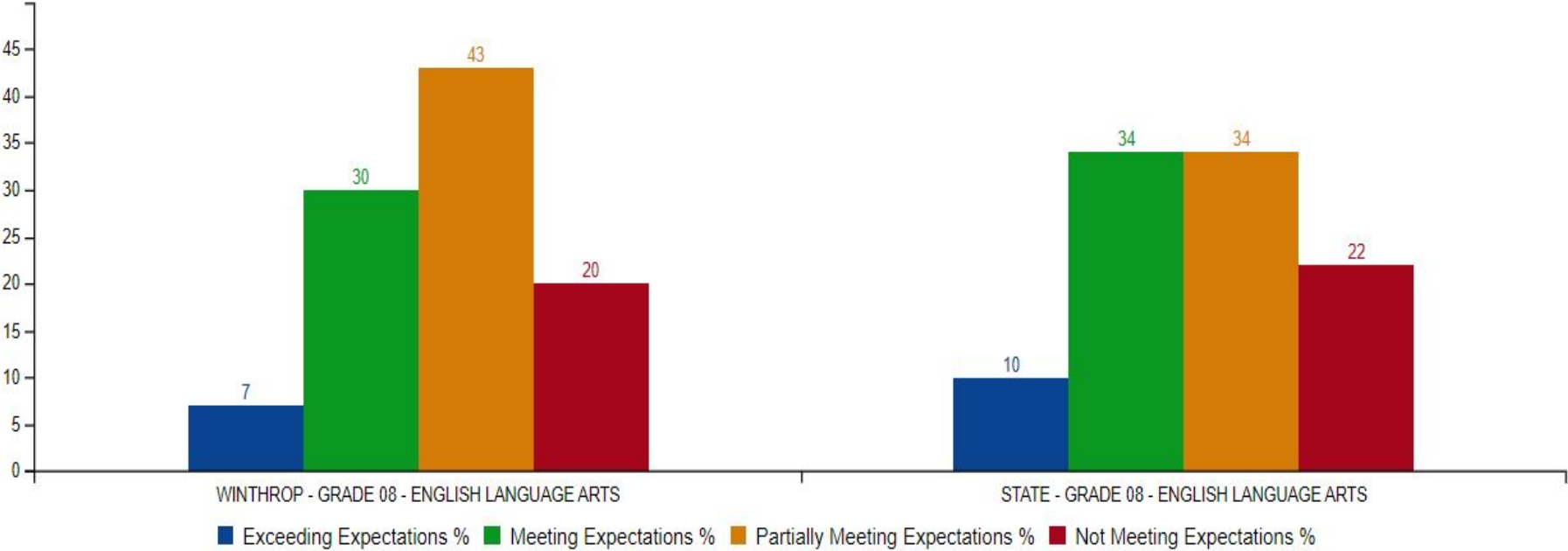
Next Generation MCAS Tests 2023

Percent of Students at Each Achievement Level for Winthrop

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[More about the data](#)



Grade 8 - ELA (Current 9th Grade)

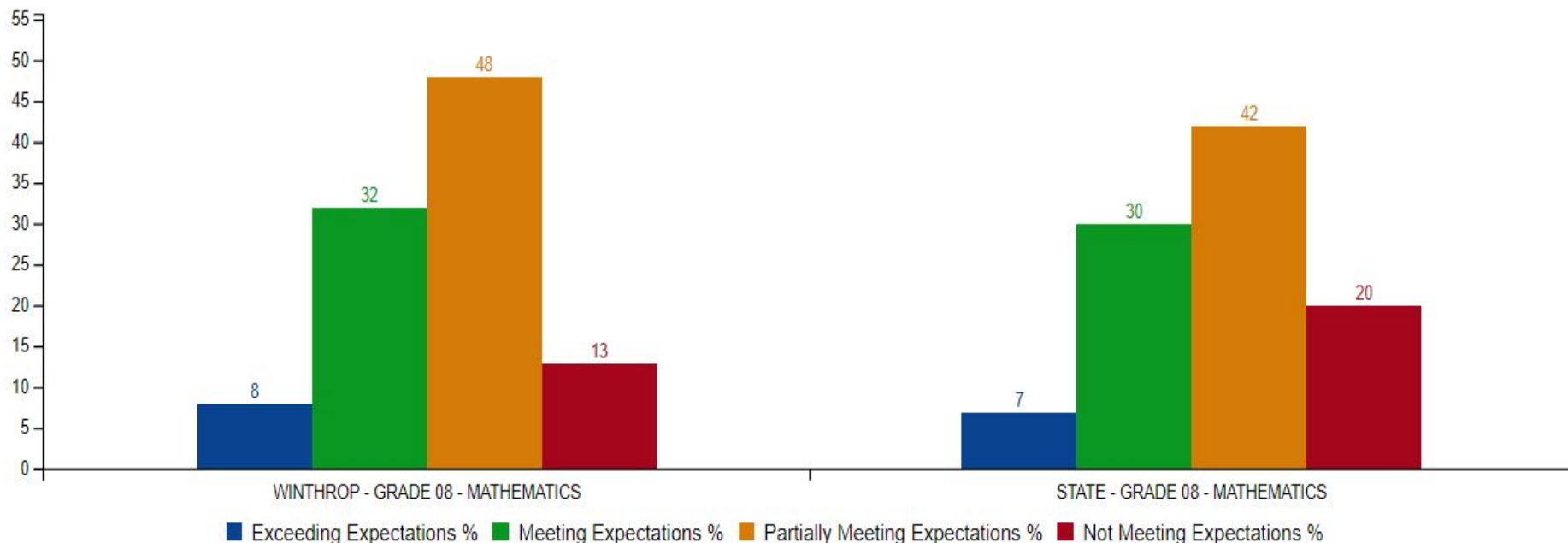
Next Generation MCAS Tests 2023

Percent of Students at Each Achievement Level for Winthrop

Data Last Updated September 19, 2023.



[More about the data](#)



Grade 8 - Math (Current 9th Grade)

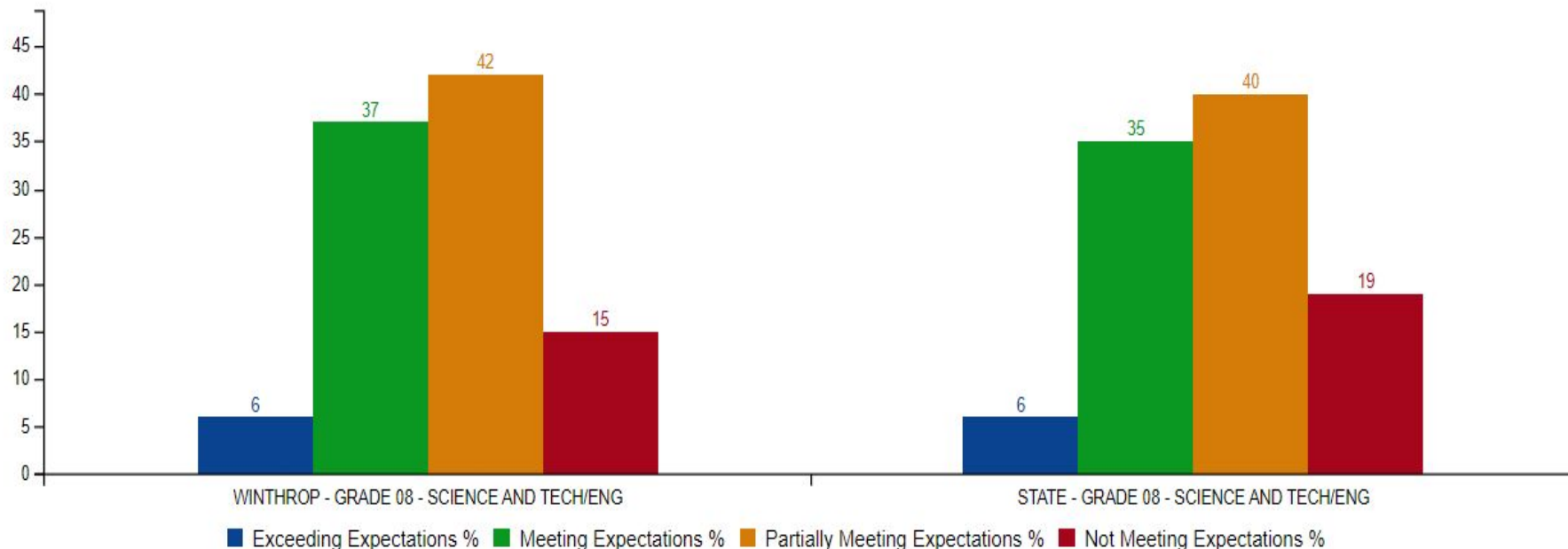
Next Generation MCAS Tests 2023

Percent of Students at Each Achievement Level for Winthrop

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[More about the data](#)

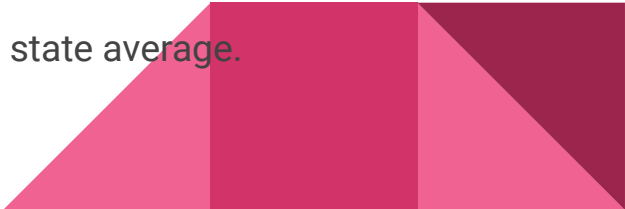


Grade 8 - Science (Current 9th Grade)


Average SGP/Achievement Percentiles



WMS Reasons to Celebrate!

- Per DESE, we made substantial progress towards our targets.
 - Chronic Absenteeism (exceeded our target)
 - Science Achievement (met our target)
 - ELA & Math Growth (met our target)
 - ELs & Former ELs - Math Achievement (exceeded our target)
 - ELs & Former ELs - ELA & Math Growth (met or exceeded our target)
 - Students with Disabilities Math Achievement & Growth (exceeded our target)
 - Our Achievement Percentiles are as high as they ever been!
 - Our SGPs were above 50 in all grades/subjects except in one area!
 - Since 2009-2011 (District Review 2012)
 - ELA continues to score fairly well vs. the state average.
 - Math has grown leaps and bounds in terms in terms of vs. the state average.
- 

WMS Response to Data

- Maintained part time coaches for ELA and Math
 - Implement Illustrative Math at grades 7 & 8
 - Identify standards for each subject and grade level that our students did not master
 - Monitor student growth throughout the school year using Star 360 (ELA), IXL (Math) and other internal assessments
 - Monitor student attendance
 - Create additional opportunities for students to engage with at WMS and increase community partnerships
 - Assistant Principal created a goal of choosing 15 eighth grade students who scored “partially meeting” on two of the three summative assessments . She scheduled periodic 1:1 conferences to provide targeted feedback in the areas of writing and skill acquisition as well as providing extra help to students.
- 

School Data

Winthrop High School

Current Grades - 10 and 11


Principal, Matt Crombie



Current 10th and 11th Grade Students

% Meeting or Exceeding Expectation		
	School	State
ELA	68%	58%
Math	52%	50%
Science	32%	47%

Highlights

- The number of Winthrop students Exceeding Expectations in ELA went up 11%.
 - 37% of Winthrop students with disabilities were Meeting or Exceeding Expectations in ELA compared to 22% in the state. 37% of students with disabilities were Meeting or Exceeding Expectations in Math compared to 16% in the state.
- 

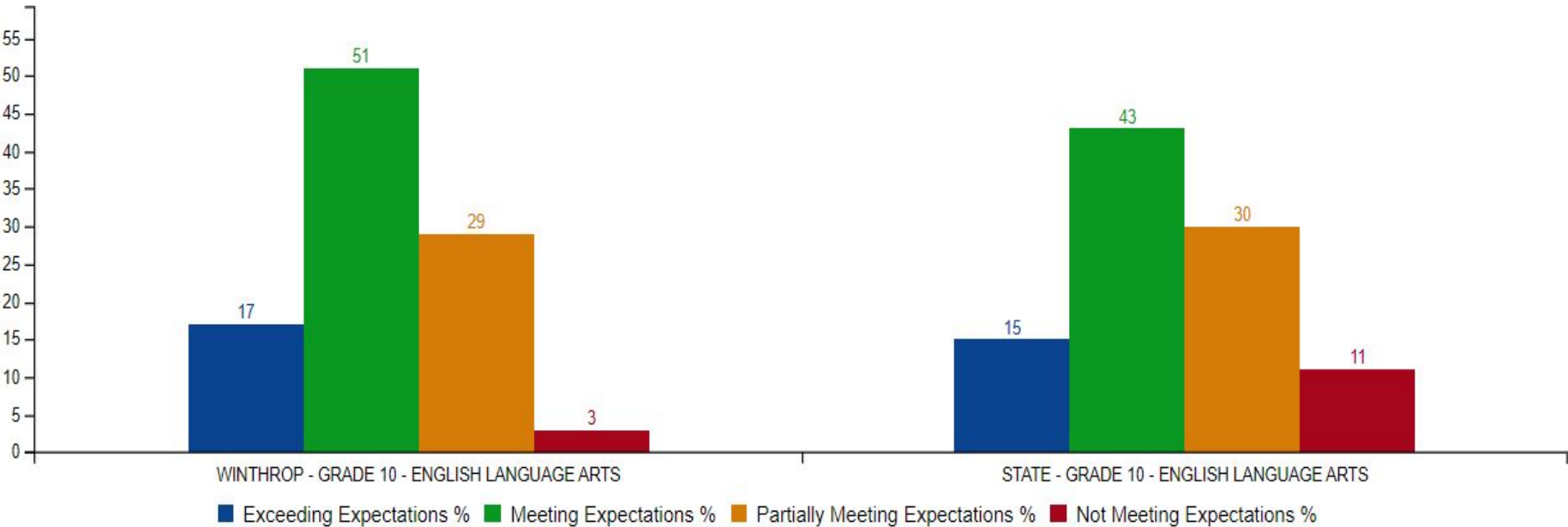
Next Generation MCAS Tests 2023

Percent of Students at Each Achievement Level for Winthrop

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[More about the data](#)



Grade 10 - ELA (Current 11th Grade)

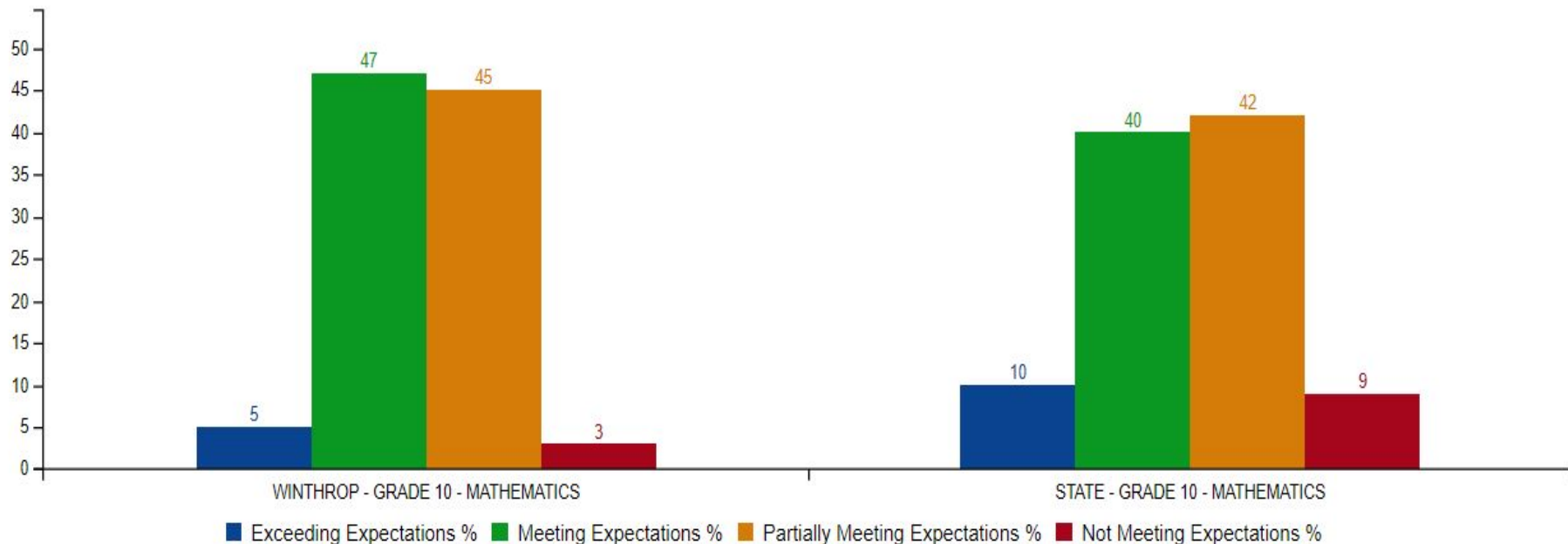
Next Generation MCAS Tests 2023

Percent of Students at Each Achievement Level for Winthrop

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[More about the data](#)



Grade 10 - Math (Current 11th Grade)

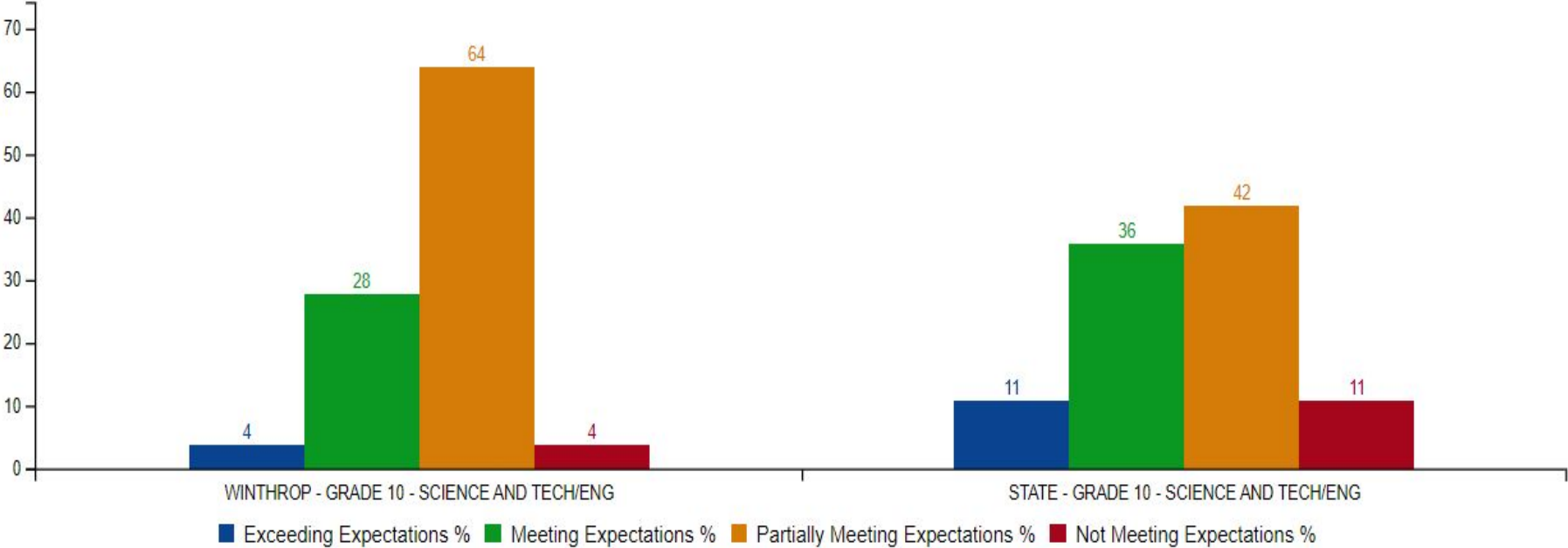
Next Generation MCAS Tests 2023

Percent of Students at Each Achievement Level for Winthrop

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[More about the data](#)




Grade 9 - Science (Current 10 Grade)

WHS Reasons to Celebrate!

- Per DESE, we made substantial progress towards our targets.
 - Chronic Absenteeism (met target)
 - ELA Achievement (exceeded target)
 - Math Achievement (met target)
 - High Needs Students - ELA Achievement (exceeded target)
 - High Needs Students - Math Achievement (met target)
 - High Needs Students - 4 Year Cohort graduation rate (exceeded target)



WHS Response to MCAS Data

- Identify grade level standards for Math and ELA and that our students did not master and have Data Teams focus/breakdown MCAS Data and use to drive instruction and to accelerate learning
 - Monitor student growth throughout the school year using MCAS Practice assessments along with other internal assessments
 - Identify students that are in need of additional support and offer MCAS prep courses
 - Monitor student attendance
 - Lower class sizes in grade 9 Math, ELA and Bio classes
 - Continue co-taught courses for Math, ELA, and Science in grades 9 and 10 to support our high needs students.
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Thank you!

