

# Lincoln Public Schools MCAS Report

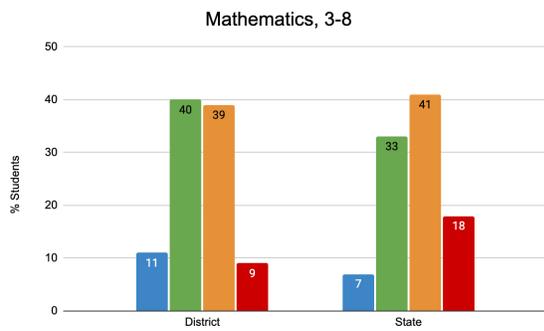
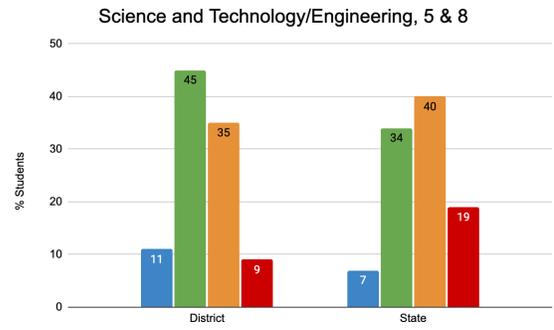
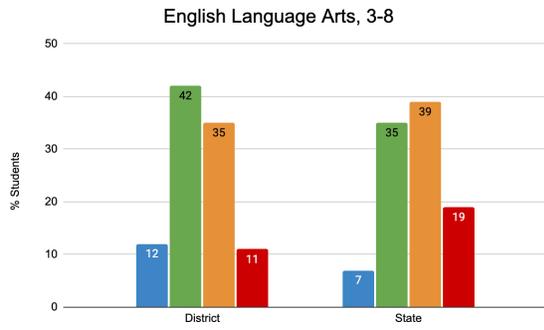
November 2023

## Overall achievement in grades 3-8 district-wide

	Spring 2023					
	ELA		Math		Science	
	% LPS	% MA	% LPS	% MA	% LPS	% MA
Exceeding Expectations	12	7	11	7	11	7
Meeting Expectations	42	35	40	33	45	34
Partially Meeting Expectations	35	39	39	41	35	40
Not Meeting Expectations	11	19	9	18	9	19

	Changes from 2022 to 2023					
	ELA		Math		Science	
	% LPS	% MA	% LPS	% MA	% LPS	% MA
Exceeding Expectations	0	1	0	1	-2	1
Meeting Expectations	-4	0	-1	0	-10	-2
Partially Meeting Expectations	1	-3	1	-2	7	0
Not Meeting Expectations	3	2	-1	1	5	1

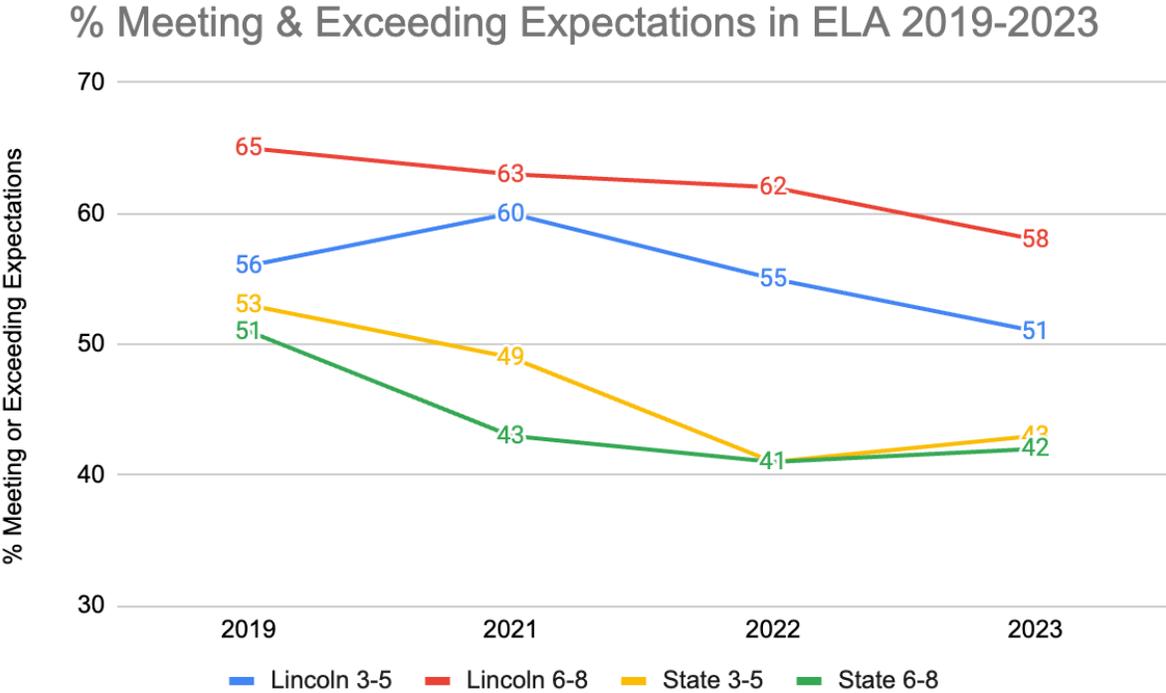
% of 3rd-8th graders Meeting or Exceeding Expectations	Lincoln	State	Difference
ELA	54	42	12
Math	51	40	11
Science	56	41	15



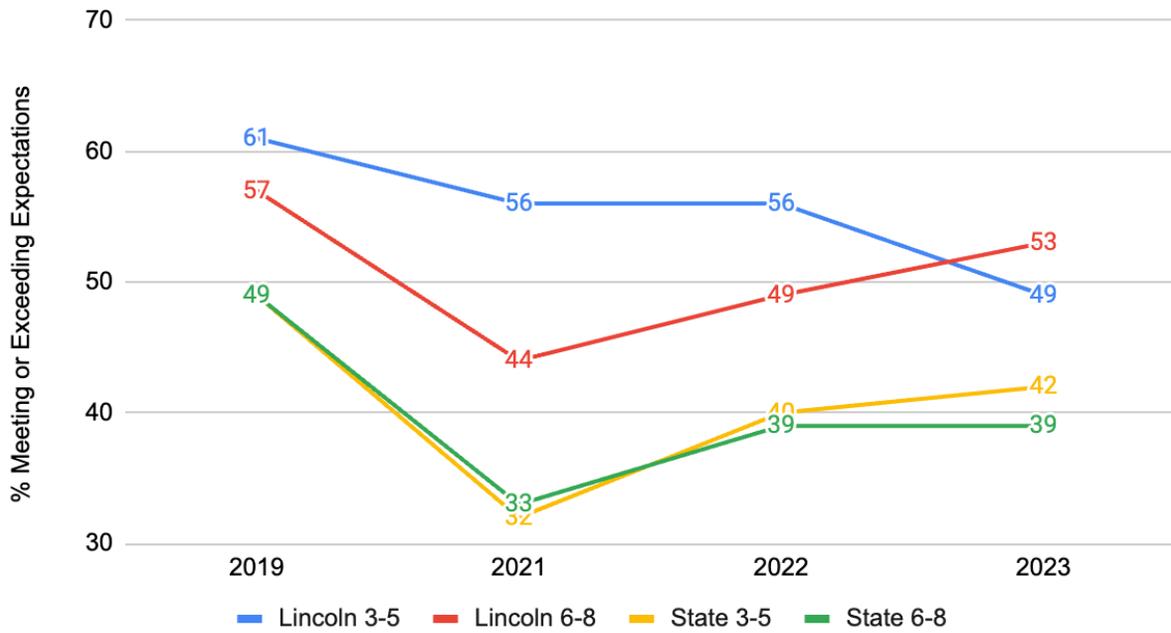
	Exceeding Expectations
	Meeting Expectations
	Partially Meeting Expectations
	Not Meeting Expectations

Key Yearly Measure % Meeting or Exceeding Expectations		
<b>ELA:</b> <b>54</b>	<b>Math:</b> <b>51</b>	<b>Science:</b> <b>56</b>

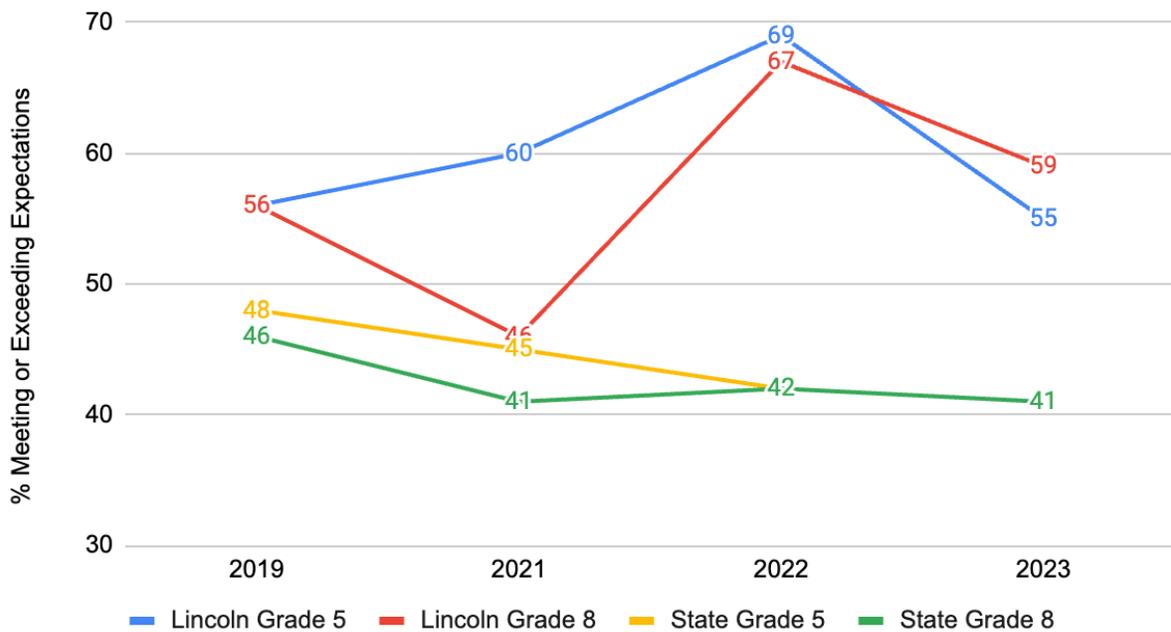
# Overall achievement across the last four testing years



### % Meeting & Exceeding Expectations in Math 2019-2023



### % Meeting & Exceeding Expectations in Science 2019-2023



# Overall growth in grades 5-8 across the district

Year	ELA		Math		Type of SGP Calculation
	Lincoln ELA SGP	State ELA SGP	Lincoln Math SGP	State Math SGP	
2023	51	49.7	51	49.8	<i>cohort model SGP</i>
2022	58	49.8	55	39.9	<i>cohort model SGP</i>
2021	52.4	35.8	41	30.4	<i>baseline model SGP</i>
2019	53.7	49.9	44.5	49.9	<i>cohort model SGP</i>
2018	53.1	50	50.5	50	<i>cohort model SGP</i>
2017	54	50	60	50	<i>cohort model SGP</i>

Key Yearly Measure 4-8 SGP Growth by Campus		
<i>Hanscom</i>	<b>ELA: 50</b>	<b>Math: 53</b>
<i>Lincoln</i>	<b>ELA: 51</b>	<b>Math: 50</b>

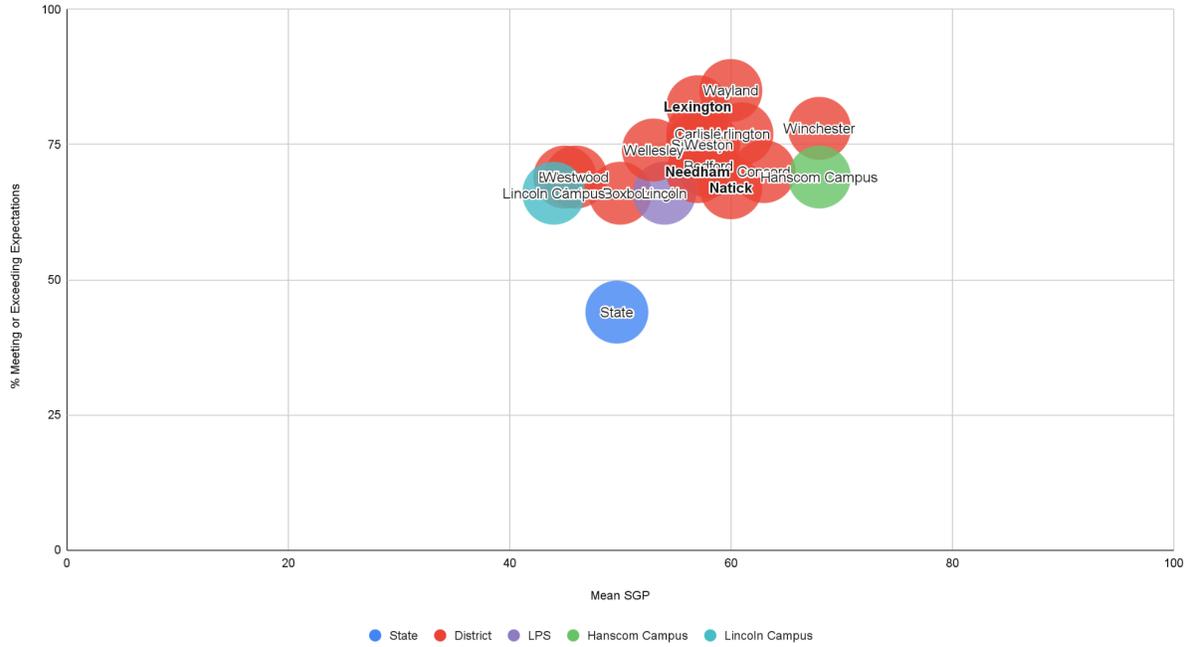
## Achievement and growth as compared to other districts

Comparison ELA - Sorted by SGP			Comparison ELA - Sorted by % M/E	
District/School	SGP		District/School	% M & E
Concord	60		Lexington	76
Carlisle	58		Wellesley	76
Lexington	58		Carlisle	75
Bedford	57		Weston	75
Wellesley	57		Concord	73
Arlington	56		Wayland	72
Needham	56		Belmont	71
Sudbury	56		Sudbury	71
Weston	56		Westwood	71
Natick	55		Bedford	70
Wayland	55		Arlington	69
Acton-Boxborough	54		Winchester	69
Winchester	54		Needham	68
Westwood	53		Acton-Boxborough	67
Lincoln	51		Natick	65
<i>Lincoln Campus</i>	51		<i>Lincoln Campus</i>	65
Belmont	50		Lincoln	54
<i>Hanscom Campus</i>	50		State	50
State	42		<i>Hanscom Campus</i>	45

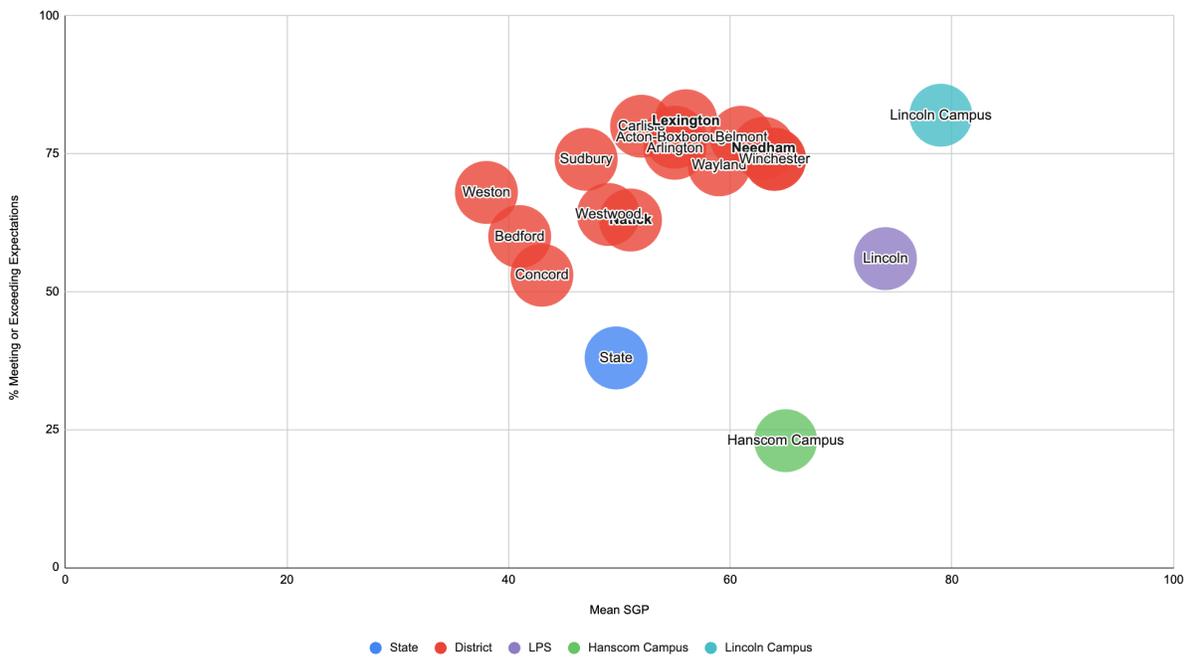
Comparison Math - Sorted by SGP		Comparison Math - Sorted by % M/E	
District/School	SGP	District/School	% M & E
Carlisle	59	Lexington	79
Lexington	59	Wellesley	77
Wellesley	59	Belmont	76
Acton-Boxborough	58	Wayland	76
Wayland	58	Carlisle	74
Needham	57	Weston	74
Arlington	56	Sudbury	72
Belmont	56	Westwood	72
Winchester	56	Arlington	70
Westwood	55	Winchester	70
Sudbury	54	Acton-Boxborough	69
Natick	53	Needham	69
Hanscom Campus	53	Concord	68
Bedford	51	Bedford	67
Concord	51	Lincoln Campus	67
Lincoln	51	Natick	66
Lincoln Campus	50	Lincoln	51
Weston	49	State	50
State	41	Hanscom Campus	38

# 8th Grade growth and achievement

2023 MCAS ELA Achievement and Growth by District with LPS by Campus



2023 MCAS Math Achievement and Growth by District with LPS by Campus



Key Yearly Measure  
Grade 8 % Meeting or Exceeding Expectations

<i>Hanscom</i>	ELA: 69%	Math: 23%	Sci: 54%
<i>Lincoln</i>	ELA: 66%	Math: 82%	Sci: 64%

# Gaps between selected groups

<i>ELA</i>				
<i>Group</i>	<i>SGP</i>	<i>% M or E</i>	<i>Growth Difference</i>	<i>Achievement Difference</i>
Students w/ Disabilities	44	15	-9	-52
Non-Disabled Students	53	67		
Male-identifying	49	48	-3	-13
Female-identifying	52	61		
High Needs	44	23	-11	-49
Non-High Needs	55	72		
Economically Disadvantaged	45	30	-7	-29
Non-economically Disadvantaged	52	59		
Ever EL	46	27	-5	-28
Non-EL	51	55		

<i>Mathematics</i>				
<i>Group</i>	<i>SGP</i>	<i>% M or E</i>	<i>Growth Difference</i>	<i>Achievement Difference</i>
Students w/ Disabilities	51	18	0	-44
Non-Disabled Students	51	62		
Male-identifying	49	49	-5	-4
Female-identifying	54	53		
High Needs	49	27	-4	-39
Non-High Needs	53	66		
Economically Disadvantaged	43	32	-10	-23
Non-economically Disadvantaged	53	55		
Ever EL	41	33	-10	-19
Non-EL	51	52		

<b>Group</b>	<b>SGP</b>	<b>% M or E</b>	<b>Growth difference between POC and White students</b>	<b>Achievement difference between POC and White students</b>
Asian - ELA	-*	74	-*	16
Asian - Math	54	81	0	23
Black - ELA	42	27	-9	-34
Black - Math	41	22	-13	-36
Latinx - ELA	50	31	-1	-30
Latinx - Math	46	25	-8	-33
Multi-racial, non-Latinx - ELA	52	72	1	11
Multi-racial, non-Latinx - Math	53	69	-1	11
White - ELA	51	61		
White - Math	54	58		

\* Confidentiality threshold of 20 students not met

<b>Groups</b>	<b>Achievement Percentiles</b>			
	<b>ELA</b>		<b>Math</b>	
	<b>Lincoln Campus percentile</b>	<b>Hanscom Campus** percentile</b>	<b>Lincoln Campus percentile</b>	<b>Hanscom Campus** percentile</b>
All Students	89	59	87	51
Students w/ Disabilities	77	52	72	56
Non-Disabled Students	93	58	90	51
Male-identifying	86	51	83	54
Female-identifying	89	66	91	51
High Needs	71	15	70	29
Economically Disadvantaged	62	-*	62	-*
Non-economically Disadvantaged	93	36	91	32
Ever EL	63	-*	59	-*
Asian	94	-*	88	-*
Black	45	50	55	47
Latinx	80	67	70	63
Multi-racial, non-Latinx	87	76	90	61
White	95	46	96	41

\* Confidentiality threshold not met

\*\* Hanscom campus reflects 4-8. Aggregate 3-8 percentile data is not available for the Hanscom campus for years prior to 2024.

Key Yearly Measure Opportunity Gaps (percentage points)		
<i>Special Education</i>	ELA: 52	Math: 44
<i>High Needs</i>	ELA: 49	Math: 39
<i>Black</i>	ELA: 34	Math: 36
<i>Latinx</i>	ELA: 30	Math: 33

Key Yearly Measure Opportunity Gap Closing 2022-2023* (Percentage points)		
<i>Special Education</i>	ELA: +5	Math: 0
<i>High Needs</i>	ELA: +10	Math: +5
<i>Black</i>	ELA: +16	Math: +10
<i>Latinx</i>	ELA: 0	Math: -2

\* Positive numbers indicate gap widening, negative numbers indicate gap narrowing