Lincoln Public Schools 2023 MCAS Report

Presented to School Committee November 16, 2023

Takeaways and Questions to Consider

Three Takeaways…

- Lincoln Public School (LPS) students are showing steady **growth** overall.

- LPS students continue to **exceed** the achievement and expectation averages of the Commonwealth of **Massachusetts.**

- There is an **opportunity** for subgroup performance improvement and growth in the short-term and long-term.

Questions to Consider…

- Does there need to be a more direct focus on **systems** and **structures** in the schools and the district?

- What systems, structures, supports, and **interventions** are needed?

- What are we doing for **extension** and **enrichment**?

- How are we **recognizing** and **supporting** the different and **unique** challenges of subgroups?
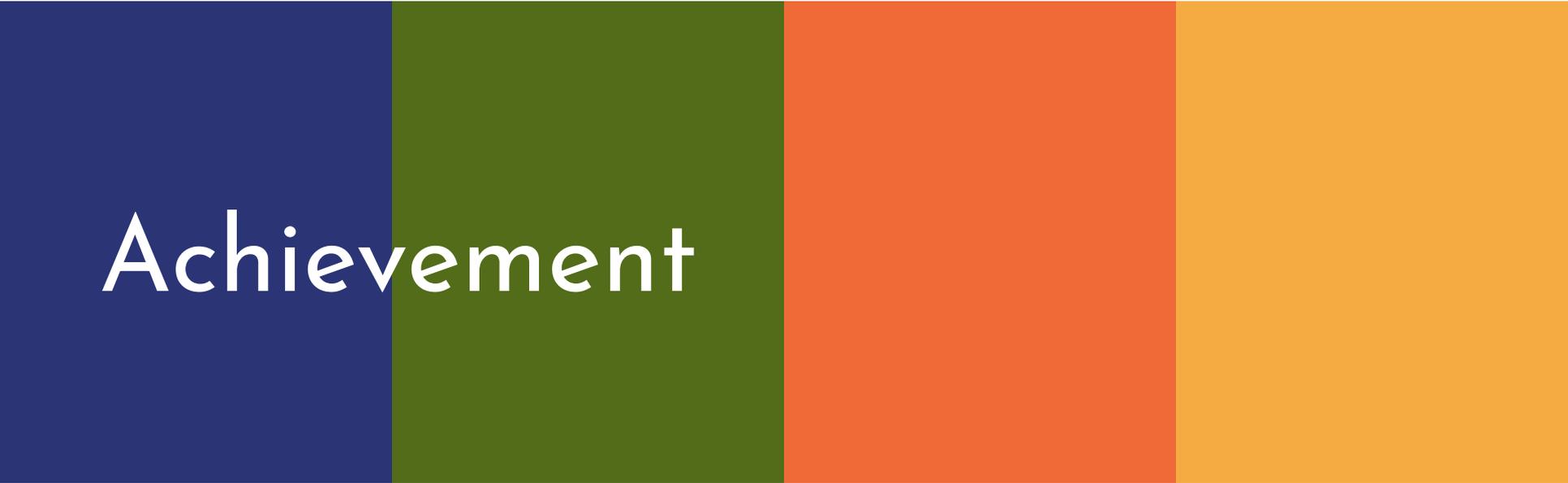
Achievement

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
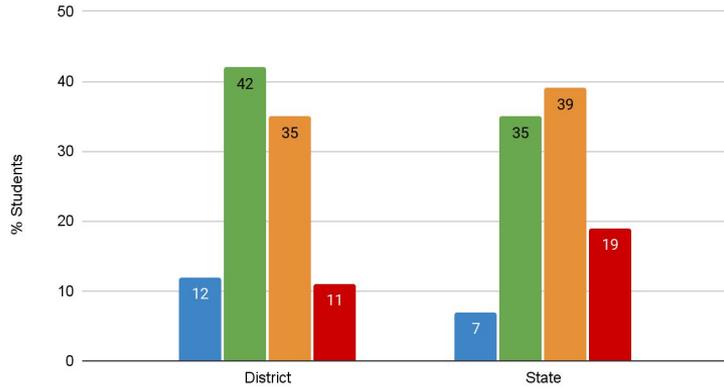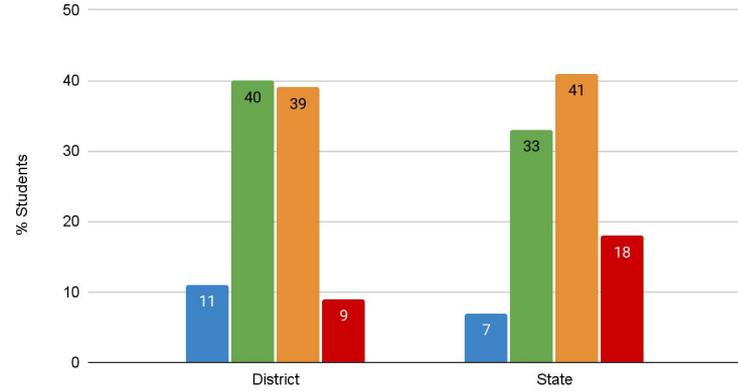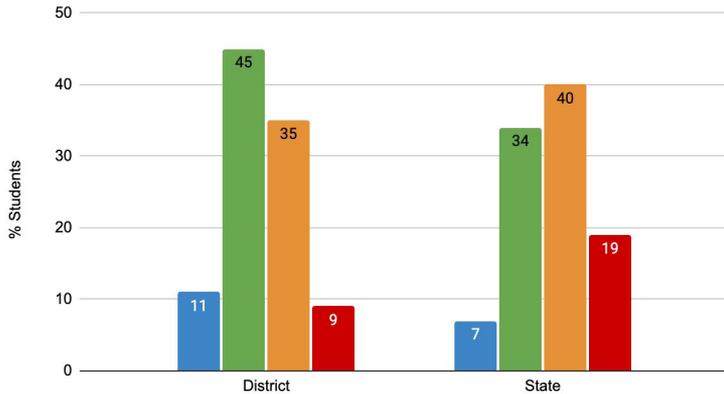
Key Yearly Measure % Meeting or Exceeding Expectations		
ELA: 54	Math: 51	Science: 56

Achievement Over Time

Overall achievement district-wide in ELA 2019-2023

% Meeting & Exceeding Expectations in ELA 2019-2023
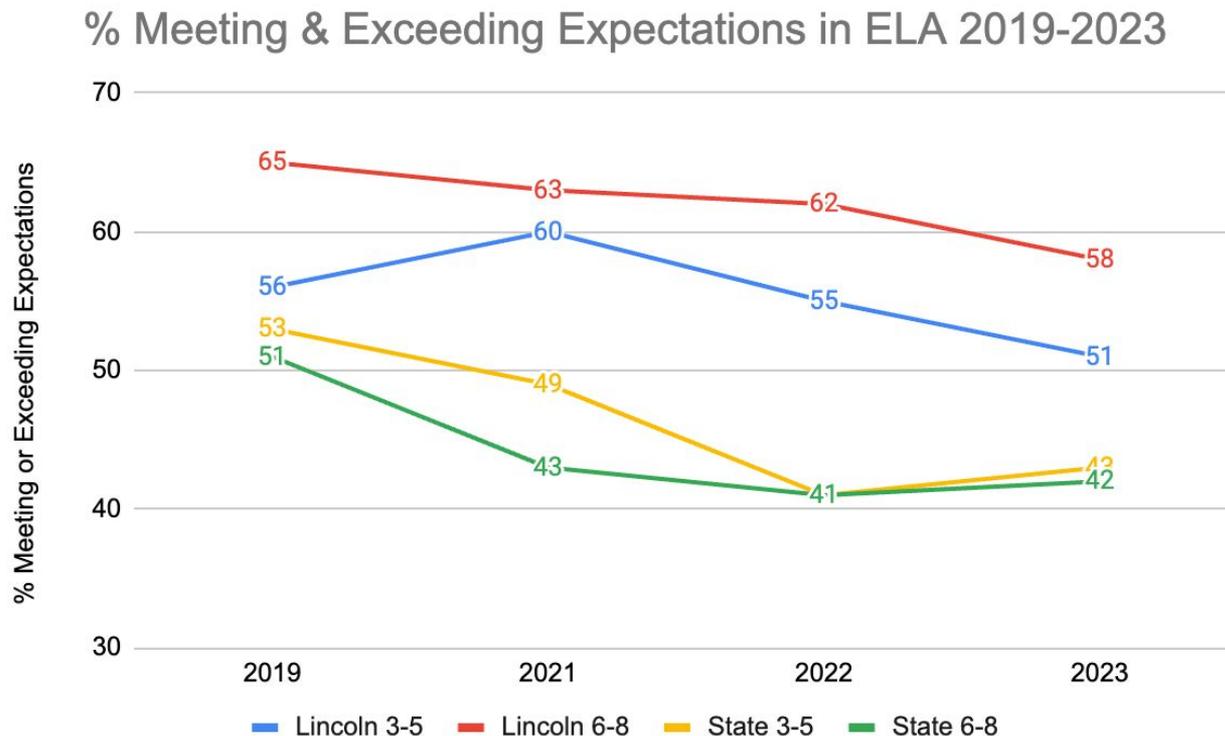
Overall achievement district-wide in Math 2019-2023

% Meeting & Exceeding Expectations in Math 2019-2023
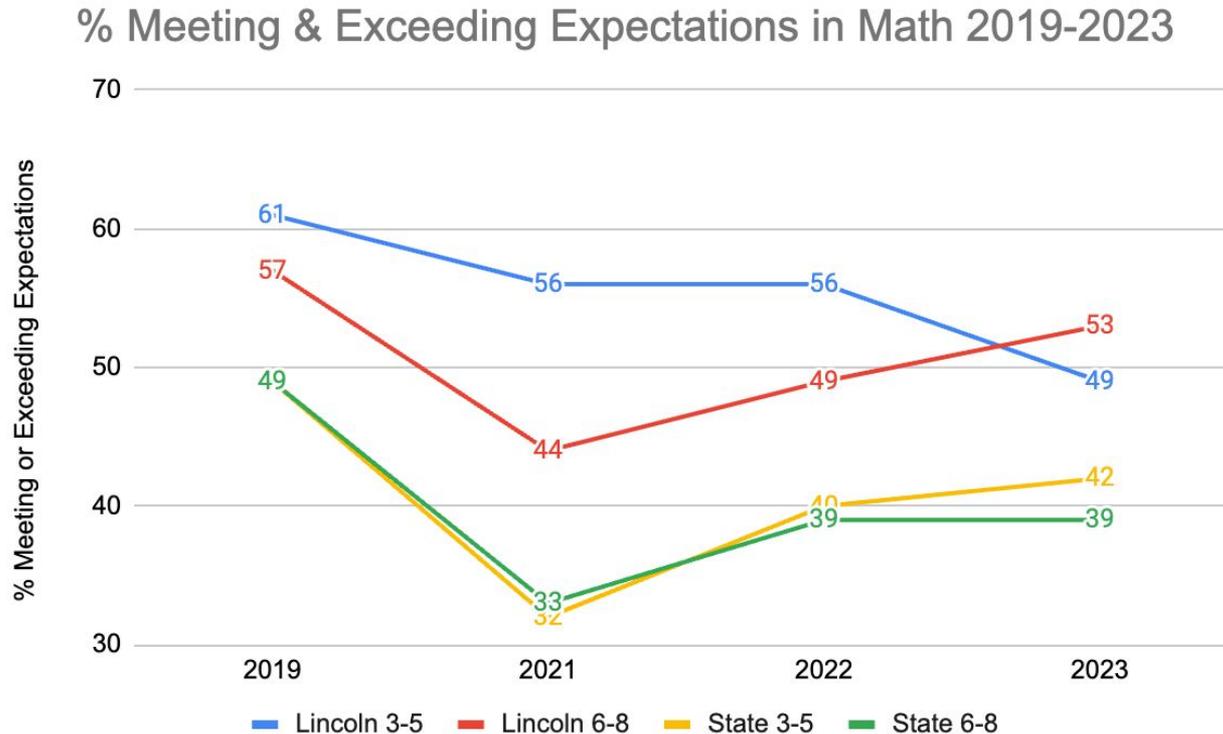
Overall achievement district-wide in Science 2019-2023

% Meeting & Exceeding Expectations in Science 2019-2023
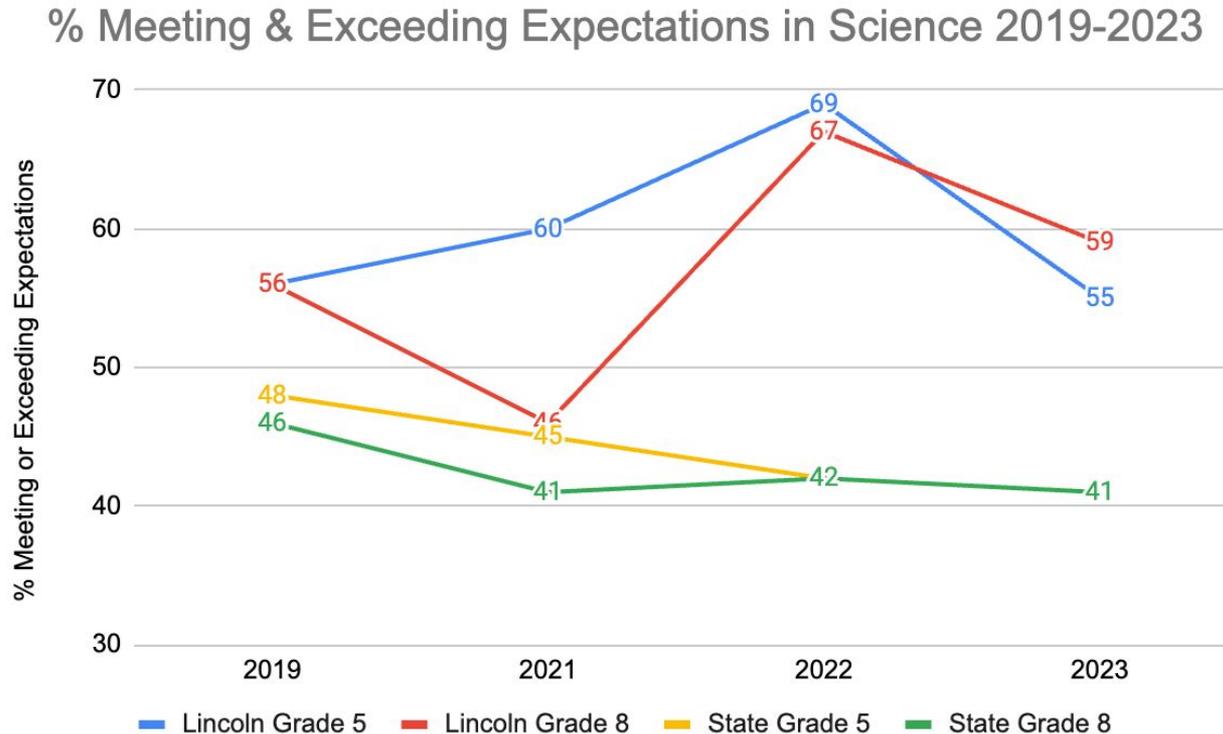
Overall Growth 4-8

Overall growth (SGP) in grades 4-8 district-wide

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

Key Yearly Measure 4-8 SGP Growth by Campus		
Hanscom	ELA: 50	Math: 53
Lincoln	ELA: 51	Math: 50

District Comparisons

Comparison ELA - Sorted by SGP		Comparison ELA - Sorted by % M/E		Comparison Math - Sorted by SGP		Comparison Math - Sorted by % M/E	
District/School	SGP	District/School	% M & E	District/School	SGP	District/School	% M & E
Concord	60	Lexington	76	Carlisle	59	Lexington	79
Carlisle	58	Wellesley	76	Lexington	59	Wellesley	77
Lexington	58	Carlisle	75	Wellesley	59	Belmont	76
Bedford	57	Weston	75	Acton-Boxborough	58	Wayland	76
Wellesley	57	Concord	73	Wayland	58	Carlisle	74
Arlington	56	Wayland	72	Needham	57	Weston	74
Needham	56	Belmont	71	Arlington	56	Sudbury	72
Sudbury	56	Sudbury	71	Belmont	56	Westwood	72
Weston	56	Westwood	71	Winchester	56	Arlington	70
Natick	55	Bedford	70	Westwood	55	Winchester	70
Wayland	55	Arlington	69	Sudbury	54	Acton-Boxborough	69
Acton-Boxborough	54	Winchester	69	Natick	53	Needham	69
Winchester	54	Needham	68	Hanscom Campus	53	Concord	68
Westwood	53	Acton-Boxborough	67	Bedford	51	Bedford	67
Lincoln	51	Natick	65	Concord	51	Lincoln Campus	67
Lincoln Campus	51	Lincoln Campus	65	Lincoln	51	Natick	66
Belmont	50	Lincoln	54	Lincoln Campus	50	Lincoln	51
Hanscom Campus	50	State	50	Weston	49	State	50
State	42	Hanscom Campus	45	State	41	Hanscom Campus	38

Selected Groups

Selected Groups Achievement and Growth Comparison - ELA

ELA				
Group	**SGP**	**% M or E**	**Growth Difference**	**Achievement Difference**
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		

Selected Groups Achievement and Growth Comparison - Math

Mathematics				
Group	**SGP**	**% M or E**	**Growth Difference**	**Achievement Difference**
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		

Race and Identity Achievement and Growth Comparison

Group	SGP	% M or E	Growth difference between POC and White students	Achievement difference between POC and White students
Asian - ELA	-*	74	-*	16
Asian - Math	54	81	0	23
Black - ELA	42	27	-9	-34
Black - Math	41	22	-13	-36
Latino - ELA	50	31	-1	-30
Latino - 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				

Going Forward and Final Thoughts…

- Supporting **Principals** as **Instructional** Leaders
- Student Support/Child Study **Systems**
- **Scheduling** (!)
- **Differentiated** Instruction and **General Education** Accommodations
- The Three I's: **I**ntervention <-> **I**nstruction <-> **I**nnovation (Extension/Enrichment)
- (!) = Students on **IEP**, **E**nglish **L**earners, and General Education **Intervention**
- **After-school** support and resources
- Be **Ready**…and It Needs To Make Sense.