

2017-2018
SAT & SBAC RESULTS
LYME-OLD LYME SCHOOLS

October 3, 2018



AGENDA

SAT

- Review of test components
- Results
- Continued improvement

SBAC

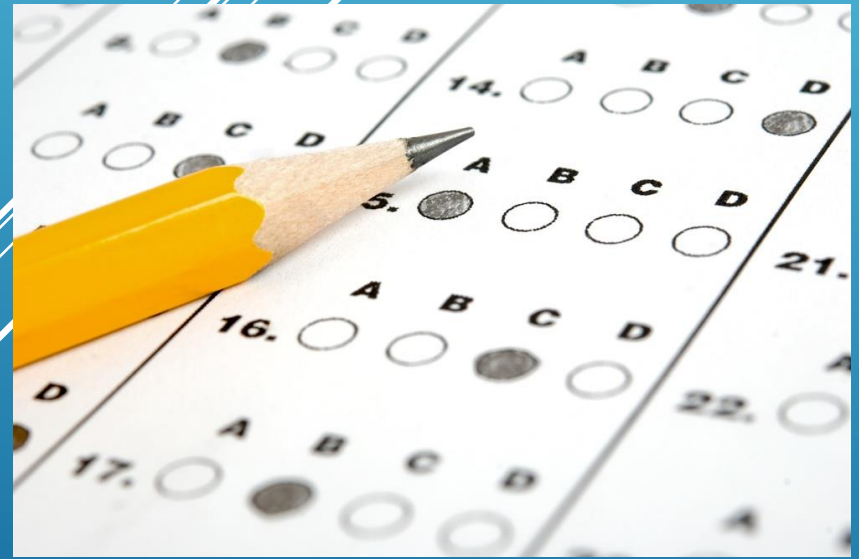
- Review of test components
- Results
- Continued improvement



SAT[®]



Lyme-Old Lyme High School



SAT COMPONENTS

Content Based Vocabulary

Evidence Based Reading & Writing

Math That Matters Most

Real World Context/Phenomena

US Founding Documents and Data Analysis



ERW SAT 2015-2016	ERW SAT 2016-2017	ERW SAT 2017-2018	MATH SAT 2015-2016	MATH SAT 2016-2017	MATH SAT 2017-2018
567	596	576	543	569	564
State ranking: 22nd	State ranking: 10th	State ranking: 17th (157)	State ranking: 32nd	State ranking: 19th	State ranking: 20th (157)

CT TOP 10 DISTRICTS

ELA

1. Westport
2. Weston
3. New Cannon
4. Simsbury
5. Darien
6. Wilton
7. Avon
8. Ridgefield
9. West Hartford
10. Madison

MATH

1. Darien
2. Westport
3. Avon
4. New Cannon
5. Weston
6. Ridgefield
7. Simsbury
8. Wilton
9. Region 8 (Rham)
10. Region 9 (Easton/Redding)

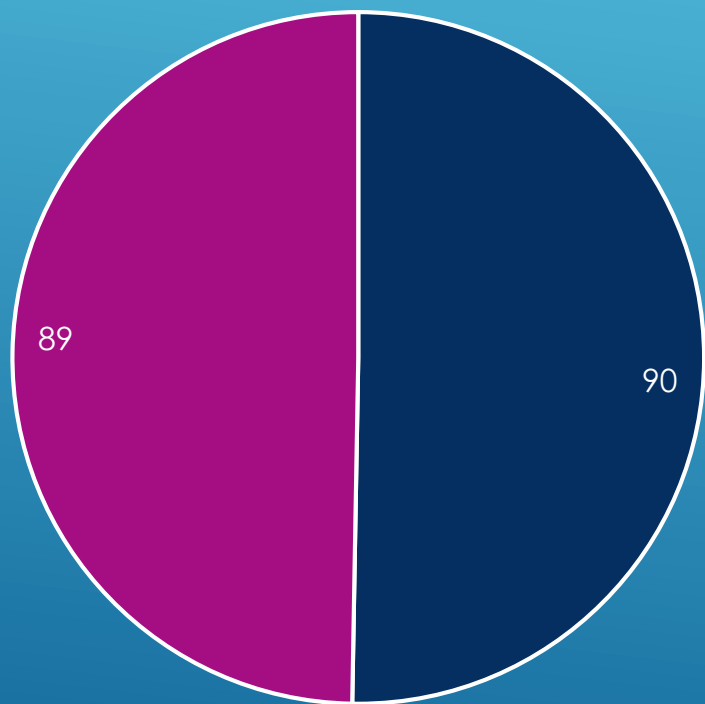
SAT RESULTS 2017-2018

ERW	Scale Score	% at 3 or 4	Ranking
Lyme-Old Lyme	576	89%	17 th (10 th)
Top 10 Districts	602	90%	Top 10

MATH	Scale Score	% at 3 or 4	Ranking
Lyme-Old Lyme	564	67%	20 th (19 th)
Top 10 Districts	594	77%	Top 10

SAT ERW % at or above goal

ELA

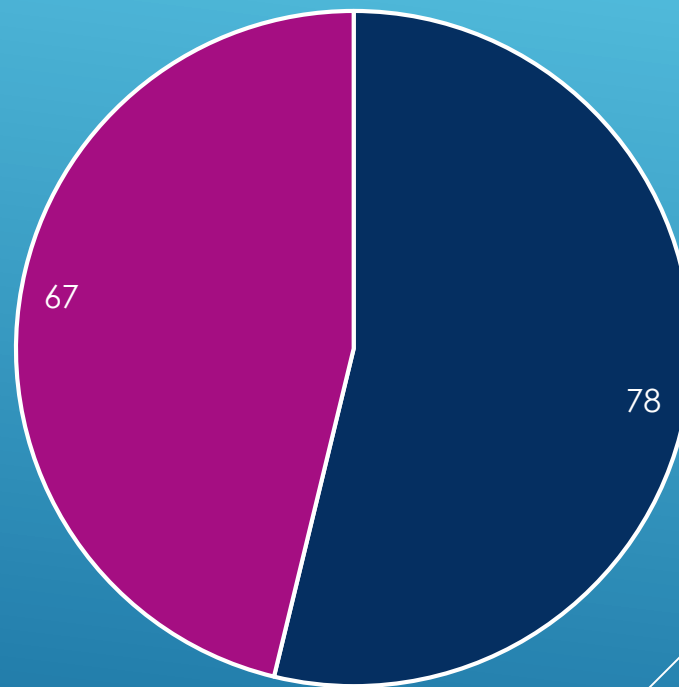


□ Top 10

■ R18

SAT Math % at or above goal

Math



□ Top 10

■ R18

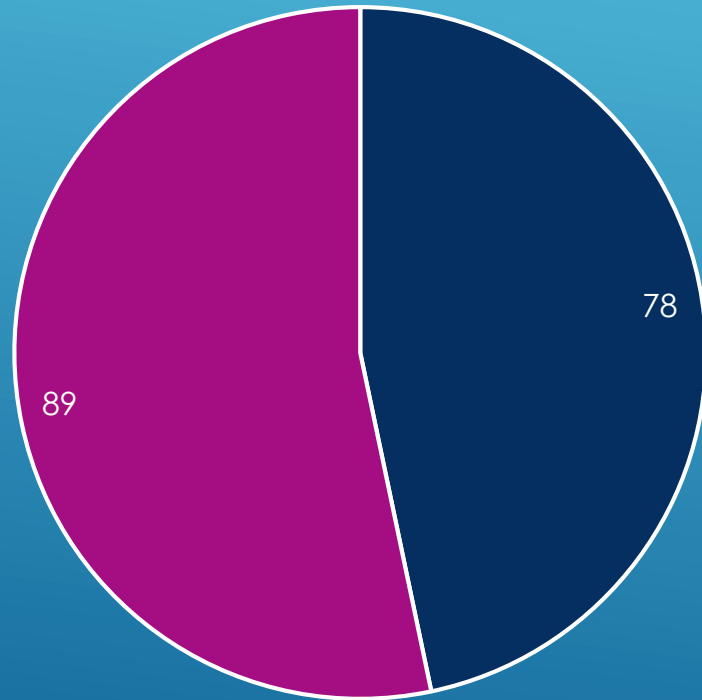
SAT Shoreline Comparisons

	ERW Mean /%at or above goal
Madison	593 /93%
Guilford	589 /87%
Old Saybrook	578 /86%
Lyme-Old Lyme	576 /89%
Region 4	559 /84%
Westbrook	552 /79%
East Lyme	546 /74%
Clinton	530 /71%

	MATH Mean/% at or above goal
Madison	582 /71%
Guilford	573 /63%
Lyme-Old Lyme	564 /67%
Old Saybrook	564 /*
East Lyme	540 /52%
Westbrook	537 /57%
Region 4	522 /49%
Clinton	501 /*

SAT % at or above goal

ELA

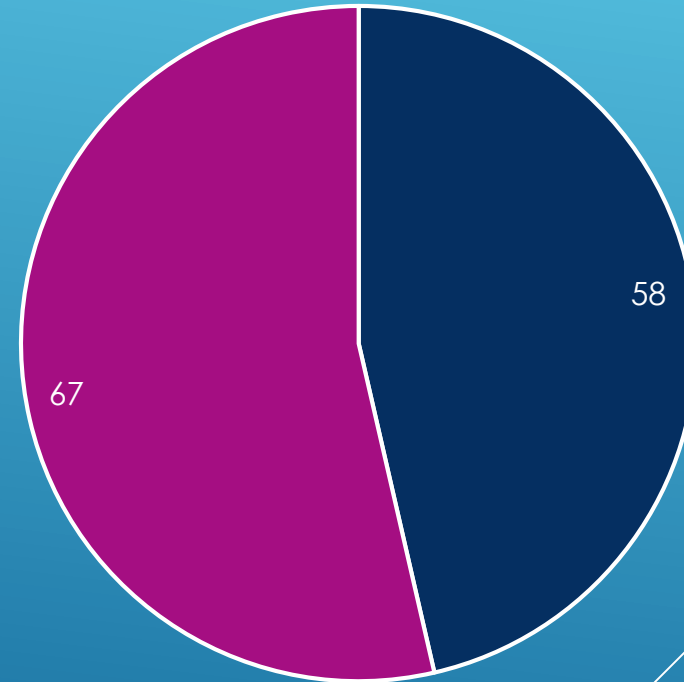


□ Shoreline

■ R18

SAT % at or above goal

Math



□ Shoreline

■ R18

WHAT WE KNOW IS TRUE

- ▶ SAT is high stakes for students *and* districts
- ▶ With trend data available, we are better able to analyze cohorts/curriculum/instruction
- ▶ Continue providing SAT prep. for students through consultants/curricula models/direct instruction

2018-2019 CONTINUED IMPROVEMENT

Master SAT

- Analyze trend results to determine specific areas of improvement
- All students connected to personalized Khan Academy account

Provide Test Strategies

- Differentiated SAT prep sessions for students in classroom settings
- Coaching on test-taking strategies in content domains

Embed Curricular Activities

- ELA, Math, S.S, and Science curricular embedded practice
- Teacher consultation as needed

Address special populations

- Use data for additional coaching & practice via Special Education
- Build skills through SRBI / Task Center

Exposure

- Administer 8/9 Test, PSATs in grades 10 and 11
- Use data to inform intervention needs



**KEEP
CALM
AND
ROCK THE
SBAC**

KeepCalmAndPosters.com

**Lyme-Old
Lyme**

**SBAC Results
2017-2018**

SBAC AREAS OF KNOWLEDGE & SKILLS TESTED

English Language Arts	
Areas of Knowledge and Skills Measured:	Statement About Student Learning from which the Assessment was Built
READING Literary (fiction) & informational (nonfiction) texts	The student can read closely and analytically to comprehend a range of increasingly complex literary and informational texts
WRITING - Organization & Purpose - Evidence & Elaboration - Conventions	The students can produce effective and well-grounded writing for a range of purposes and audiences
LISTENING	The students can employ effective listening skills for a range of purposes and audiences
RESEARCH	The student can engage in research and inquiry to investigate topics

SBAC AREAS OF KNOWLEDGE & SKILLS TESTED

Mathematics	
Areas of Knowledge and Skills Measured:	Statement about Student Learning from which the Assessment was Built:
Concepts & Procedures	Students can explain and apply mathematical concepts and interpret and carry out mathematical procedures with precision and fluency
Problem Solving	Students can solve a range of complex well-posed problems in pure and applied mathematics, making productive use of knowledge and problem solving strategies
Modeling & Data Analysis	Students can analyze complex, real-world scenarios and can construct and use mathematical models to interpret and solve problems
Communicating Reasoning	Students can clearly and precisely construct viable arguments to support their own reasoning and to critique the reasoning of others

TYPES OF ITEMS ON THE TEST

Computer Adaptive Test

- Computer program adjusts the difficulty of questions based on responses
- Includes multiple choice, write-in responses, and computer-based tools (calculator, Highlighter, etc.)

SCORING

- Students receive an overall vertical scale score in each subject
- Scores range from ~ 2100 to 2800 spanning grades 3 to 8
- Math vertical scores cannot be compared to ELA scores
- Scores are divided into 4 levels

Content Area	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Mathematics						
Level 4	2501-2621	2549-2659	2579-2700	2610-2748	2635-2778	2653-2802
Level 3	2436-2500	2485-2548	2528-2578	2552-2609	2567-2634	2586-2652
Level 2	2381-2435	2411-2484	2455-2527	2473-2551	2484-2566	2504-2585
Level 1	2189-2380	2204-2410	2219-2454	2235-2472	2250-2483	2265-2503
ELA/Literacy						
Level 4	2490-2623	2533-2663	2582-2701	2618-2724	2649-2745	2668-2769
Level 3	2432-2489	2473-2532	2502-2581	2531-2617	2552-2648	2567-2667
Level 2	2367-2431	2416-2472	2442-2501	2457-2530	2479-2551	2487-2566
Level 1	2114-2366	2131-2415	2201-2441	2210-2456	2258-2478	2288-2486

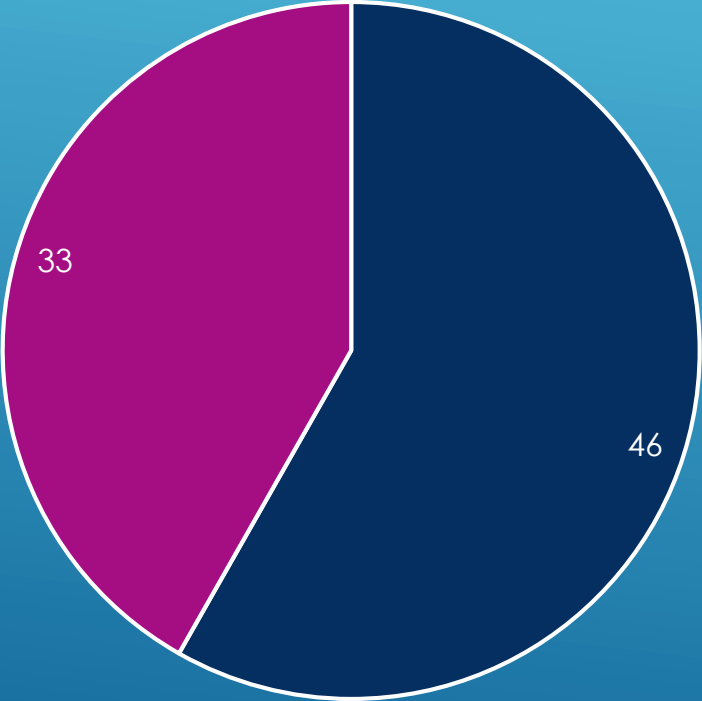
2017-2018 AVERAGE ELA SCALE SCORES BY GRADE LEVEL

Level	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Level 4	2490-2623	2533-2663 2566	2582-2701 2577	2618-2724	2649-2745	2668-2769
Level 3	2432-2489 2485	2473-2532	2502-2581	2531-2617 2605	2552-2648 2602	2567-2667 2613
Level 2	2367-2431	2416-2472	2442-2501	2457-2530	2479-2551	2487-2566
Level 1	2114-2366	2131-2415	2201-2441	2210-2456	2258-2478	2288-2486

2017-2018 ELA BREAKOUT BY GRADE LEVEL

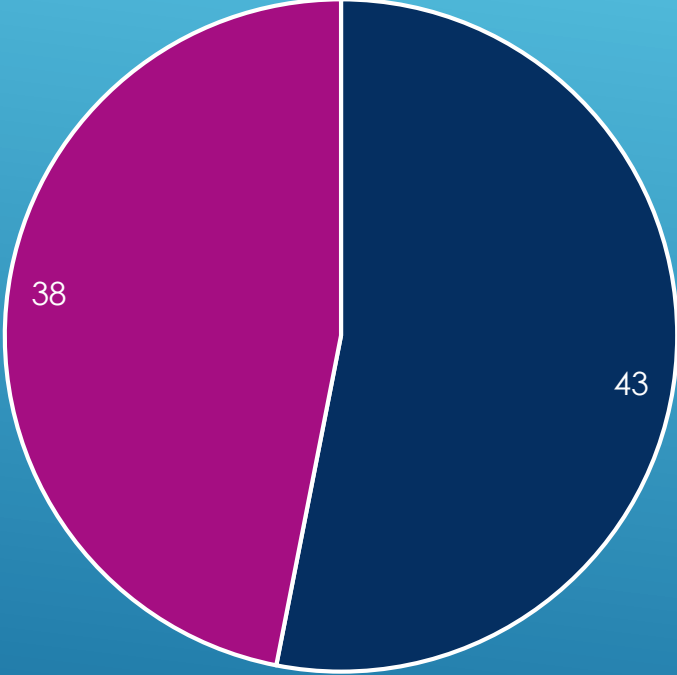
GRADE	SCALE SCORE	% at 3 or 4	% by Level
3	2485	86%	<p>4 13 37 47</p>
4	2566	92%	<p>3 5 27 66</p>
5	2577	81%	<p>3 16 37 44</p>
6	2605	70%	<p>3 15 31 50</p>
7	2602	79%	<p>6 15 51 28</p>
8	2613	73%	<p>10 17 43 30</p>

2017-2018 ELA top 10 % at or Above Averages



Level 4
Level 3

2017-2018 R18 ELA at or Above Averages



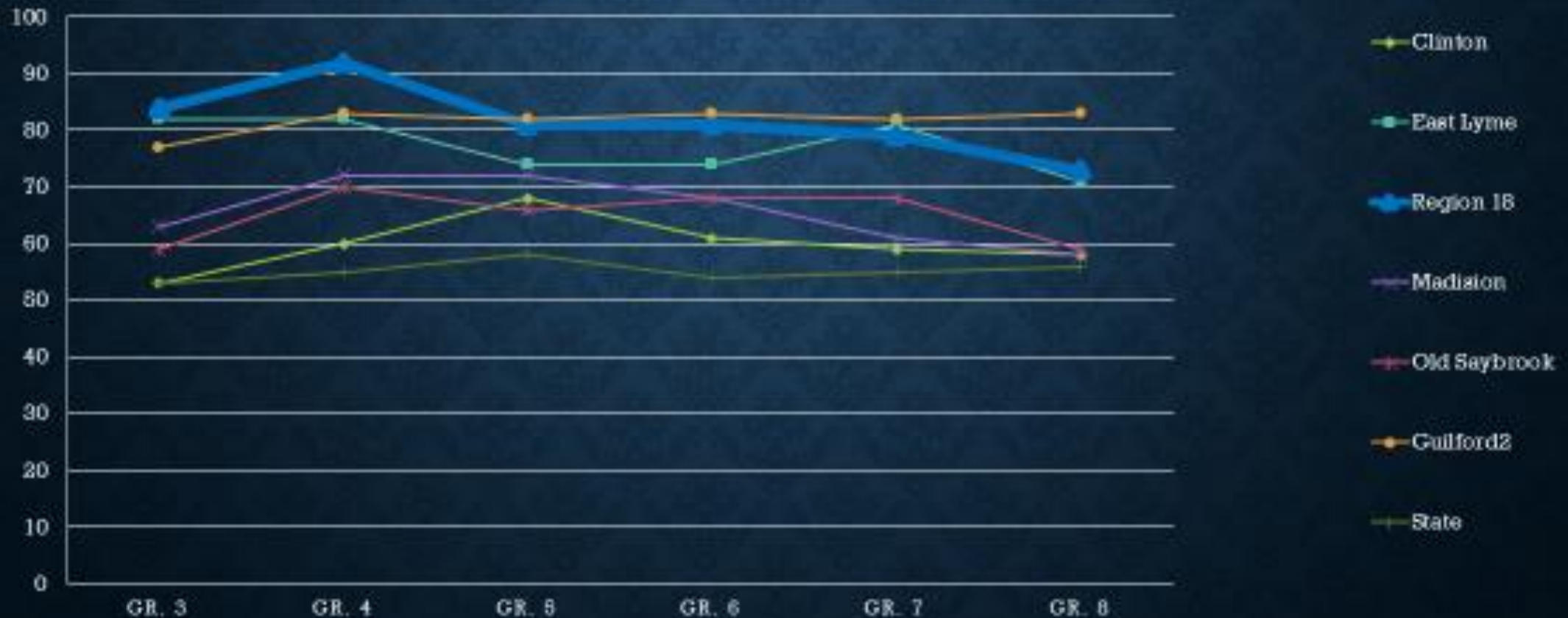
Level 4
Level 3

ELA SBAC PERFORMANCE RESULTS

	Scale Score 2015-16	Scale Score 2016-17	Scale Score 2017-18	% at 3 or 4 2015-16	% at 3 or 4 2016-17	% at 3 or 4 2017-18	Ranking 2015-16	Ranking 2016-17	Ranking 2017-18 (191)
3	2476	2496	2485	75%	78%	86%	44th	17th	4th
4	2571	2549	2566	92%	86%	92%	1st	3rd	2nd
5	2590	2592	2577	91%	90%	81%	3rd	2nd	22nd
6	2580	2592	2605	75%	81%	70%	34th	15th	14th
7	2595	2593	2602	71%	76%	79%	53rd	30th	23rd
8	2632	2609	2613	81%	71%	73%	9th	38th	48th

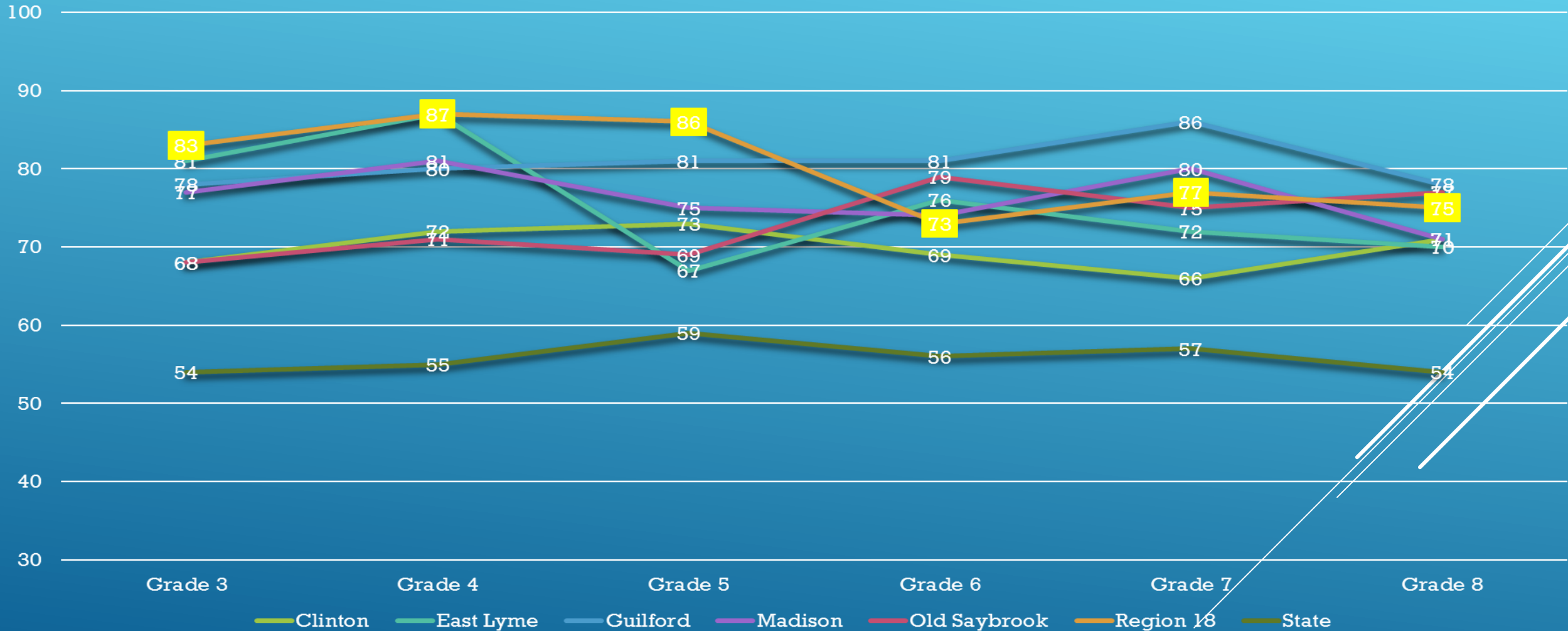
2016-2017 ELA SHORELINE COMPARISONS % AT OR ABOVE

CHART TITLE

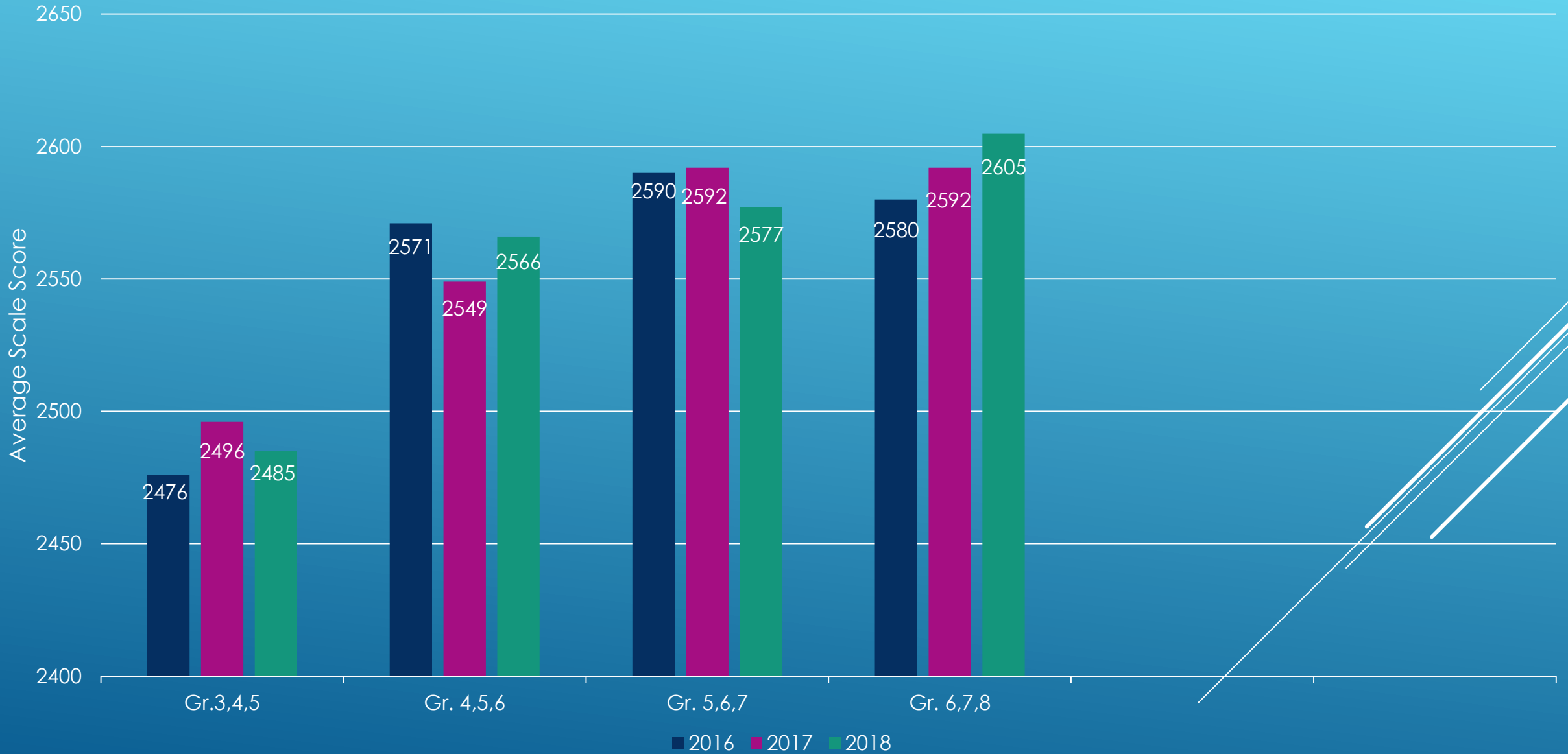


2017-2018 ELA Shoreline Comparisons

% of students at 3 or 4



ELA: GROWTH BY COHORT



2017-2018 AVERAGE MATH SCALE SCORES BY GRADE LEVEL

Level	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Level 4	2501-2621	2549-2659 2577	2579-2700	2610-2748	2635-2778	2653-2802
Level 3	2436-2500 2494	2485-2548	2528-2578 2573	2552-2609 2604	2567-2634 2616	2586-2652 2647
Level 2	2381-2435	2411-2484	2455-2527	2473-2551	2484-2566	2504-2585
Level 1	2189-2380	2204-2410	2219-2454	2235-2472	2250-2483	2265-2503

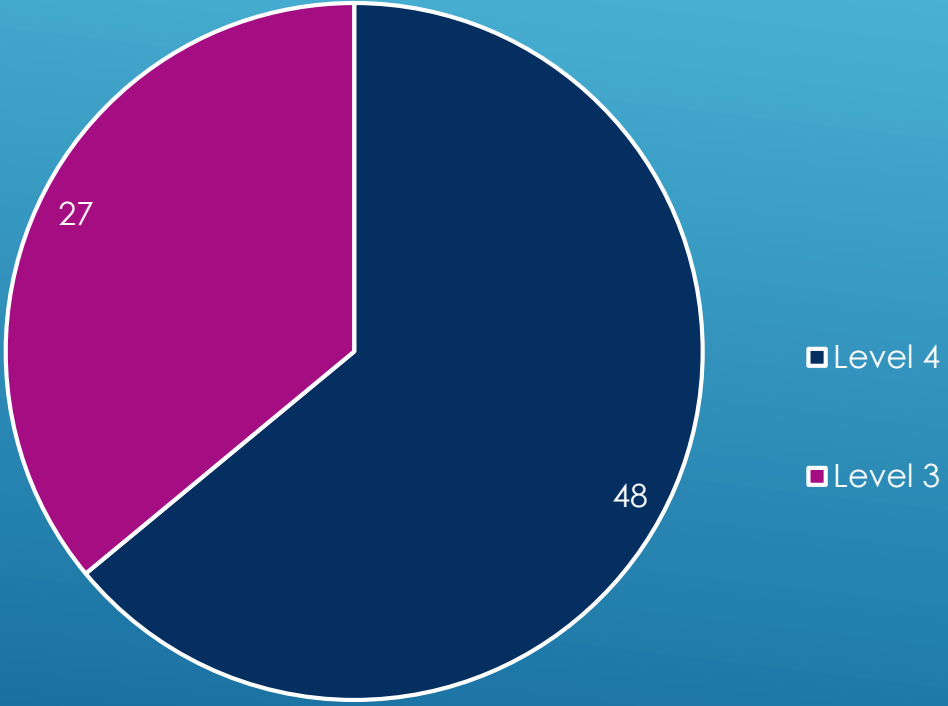
2017-2018 MATH BREAKOUT BY GRADE LEVEL

GRADE	SCALE SCORE	% at 3 or 4	% by Level
3	2494	82%	
4	2577	90%	
5	2573	*(S.S. 9 th)	
6	2604	79%	
7	2616	74%	
8	2647	75%	

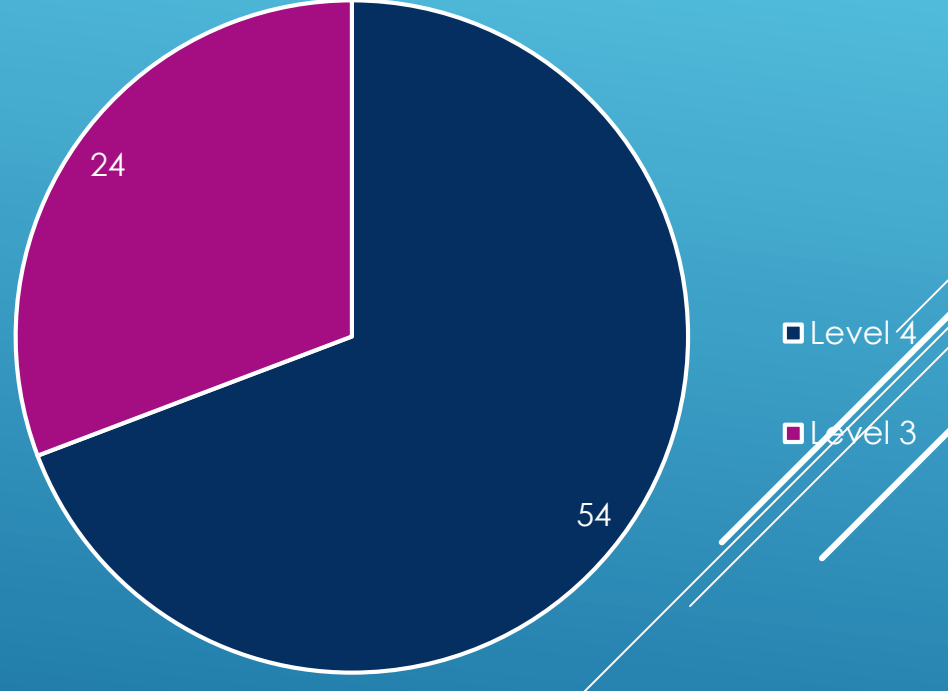
MATH SBAC PERFORMANCE RESULTS

	Scale Score 2015-16	Scale Score 2016-17	Scale Score 2017-18	% at 3 or 4 2015-16	% at 3 or 4 2016-17	% at 3 or 4 2017-18	Ranking 2015-16	Ranking 2016-17	Ranking 2017-18 (191)
3	2485	2507	2494	80%	82%	82%	25 th	8 th	10th
4	2571	2555	2577	90%	89%	90%	4 th	3 rd	3rd
5	2556	2588	2573	65%	81%	*Not reported	27 th	3 rd	* (S.S. 9th)
6	2598	2597	2605	80%	74%	79%	3 rd	15 th	5th
7	2609	2612	2616	67%	74%	74%	21 st	10 th	10th
8	2648	2633	2647	73%	71%	75%	9 th	12 th	10th

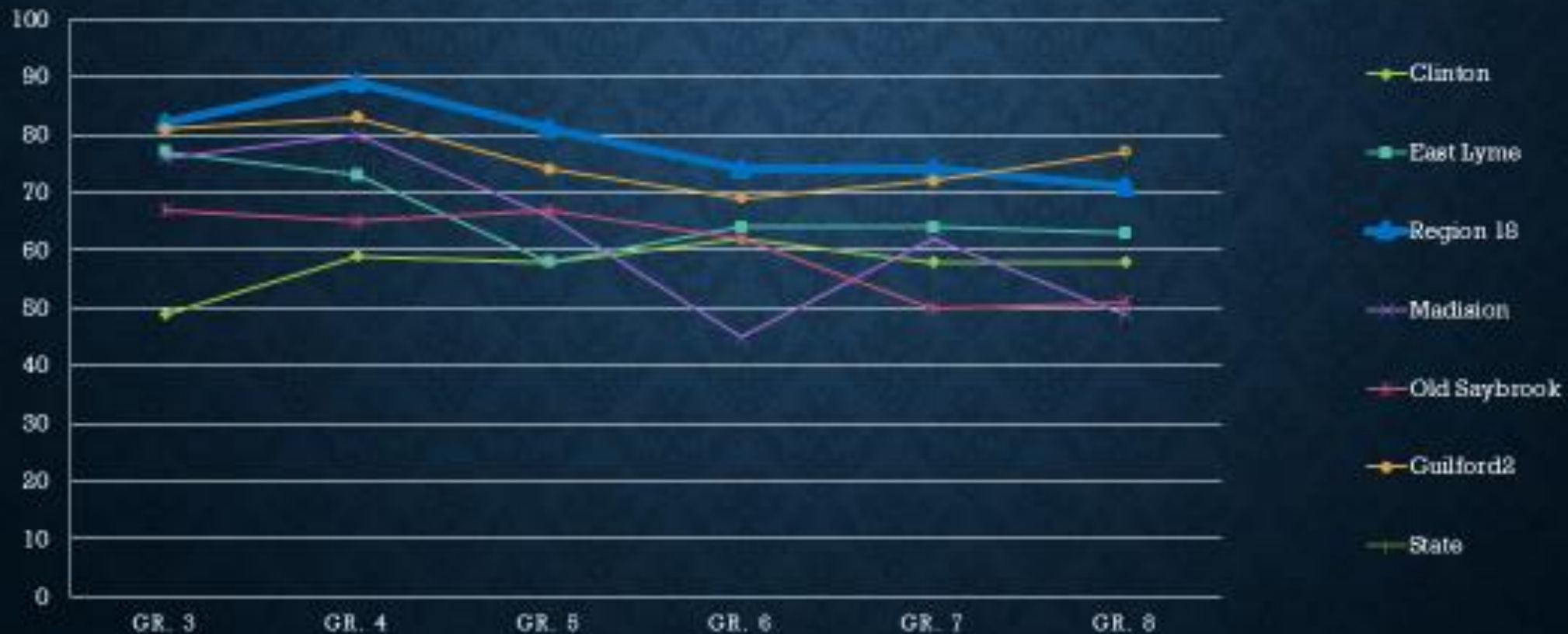
2017-2018 Math Top 10 at or Above Averages



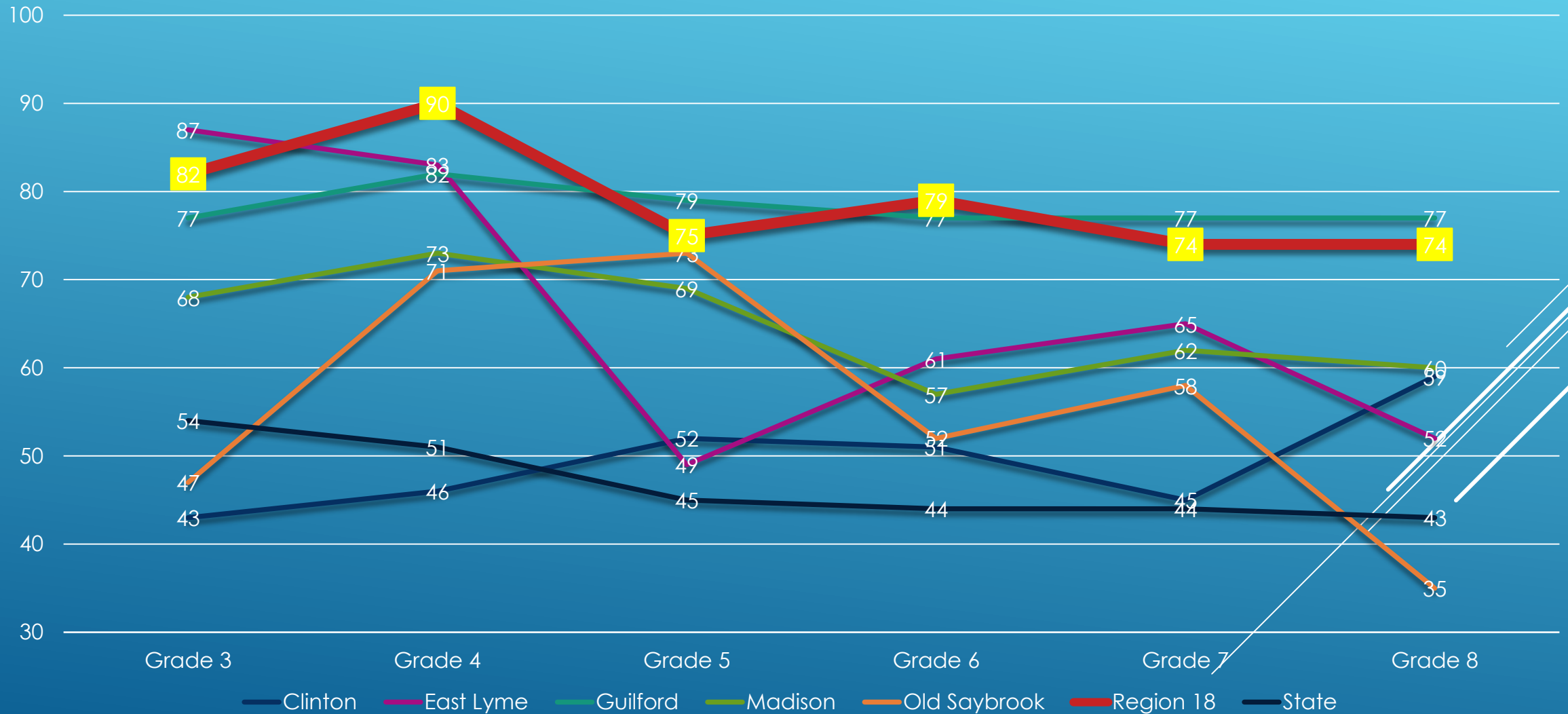
2017-2018 R18 Math at or Above Averages



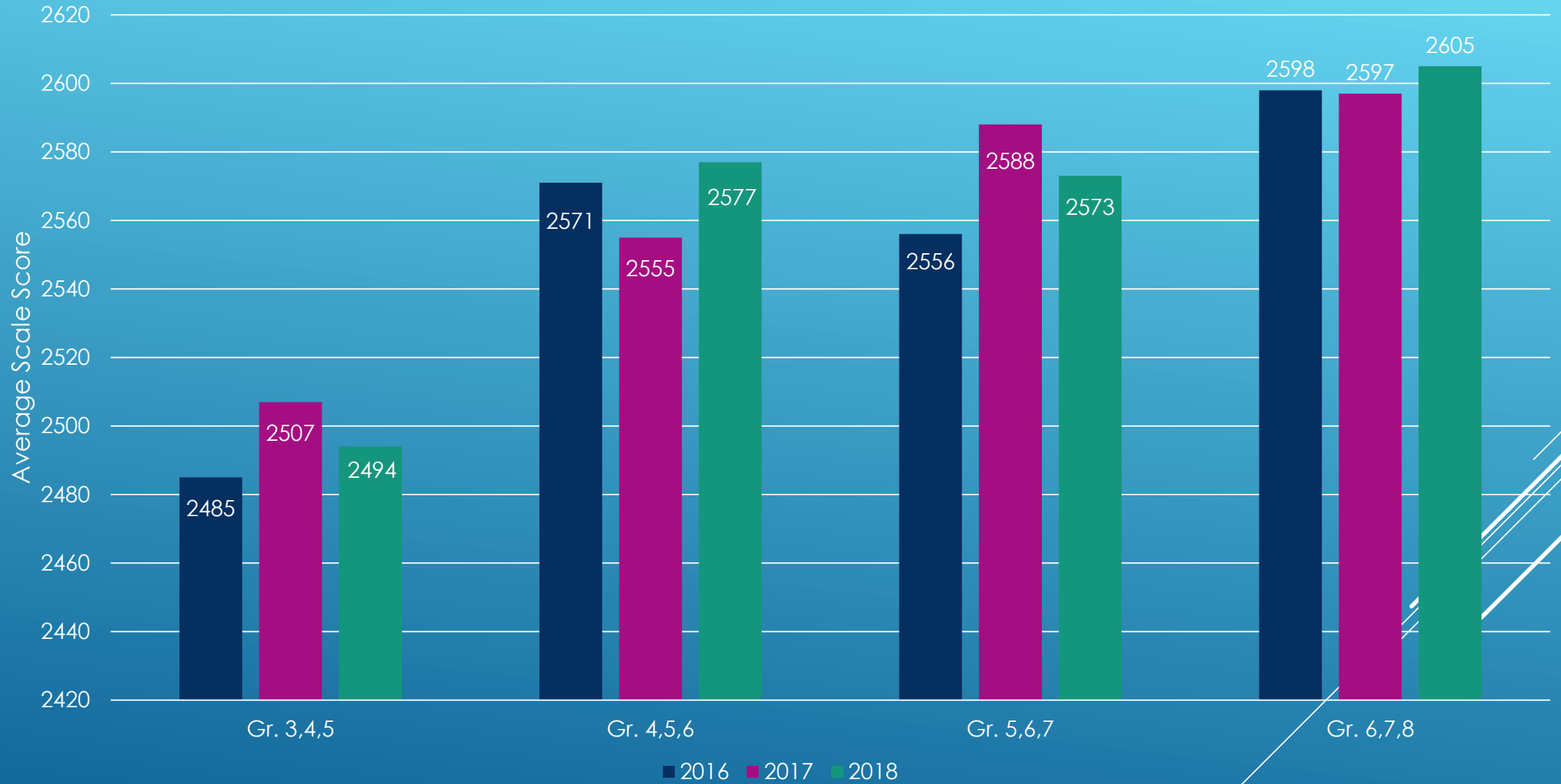
2016-2017 SHORELINE COMPARISON MATH % AT OR ABOVE



2017-2018 MATH SHORELINE COMPARISONS % OF STUDENTS AT 3 OR 4



MATH: Growth by Cohort



SBAC NEXT STEPS

All Grades

Analyze and disseminate data by grade and class for classroom planning purposes

Use data in conjunction with school data for academic planning/differentiated instruction

Math

K-5: Bridges math program: Pre-assessment data

MS: Pilot two math curriculums/evaluate against K-5 practices

HS: 100% students accessing Khan Academy accounts/
differentiated SAT preparation

ELA

K-5: Focus on vocabulary development/progressive writing rubrics/increased alignment of word study/ implantation of new EL Modules

MS: Increase alignment, collaboration. Close look at reading/assessment materials to ensure appropriate text complexity and DOK

MS: Emphasis on 'literacy for all'

QUESTIONS AND COMMENTS

