Lyme-Old Lyme

Standardized Testing Presentation

Board of Education

October 4, 2023

Presentation Expectations

What you will see:
Overview of assessment types
District and/or grade level achievement data from state assessments (SAT, SBAC, NGSS)
AP Data from Spring 2023
Samples of current nationally normed benchmark assessments (K-8)
Sample curricular assessment (K-3)
Enhanced continuous improvements that include intervention strategies to support teaching/learning

Objective: Using state and local data, administrators will update the BOE and community on student achievement results and describe how we monitor student growth/progress throughout the school year.

Common Types of Assessment

State Testing

- Required in grades 3-8, 11
- Data used in accountability report
- Data is public

Benchmark

- Nationally standardized assessment
- Used to inform intervention services
- Measures growth over time

Summative

- End of unit assessment
- Grades accessible to student and parent

Formative

- Primary use: inform instruction
- Grades may or may not be included in final averages
- Can take many forms/formats

Lyme-Old Lyme State Testing Results 2022-2023

Smarter Balanced
Assessment Consortium

NEXT GENERATION
SCIENCE
STANDARDS

SBAC Testing

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

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

SBAC 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 of achievement

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

Indicators of Success

ELA

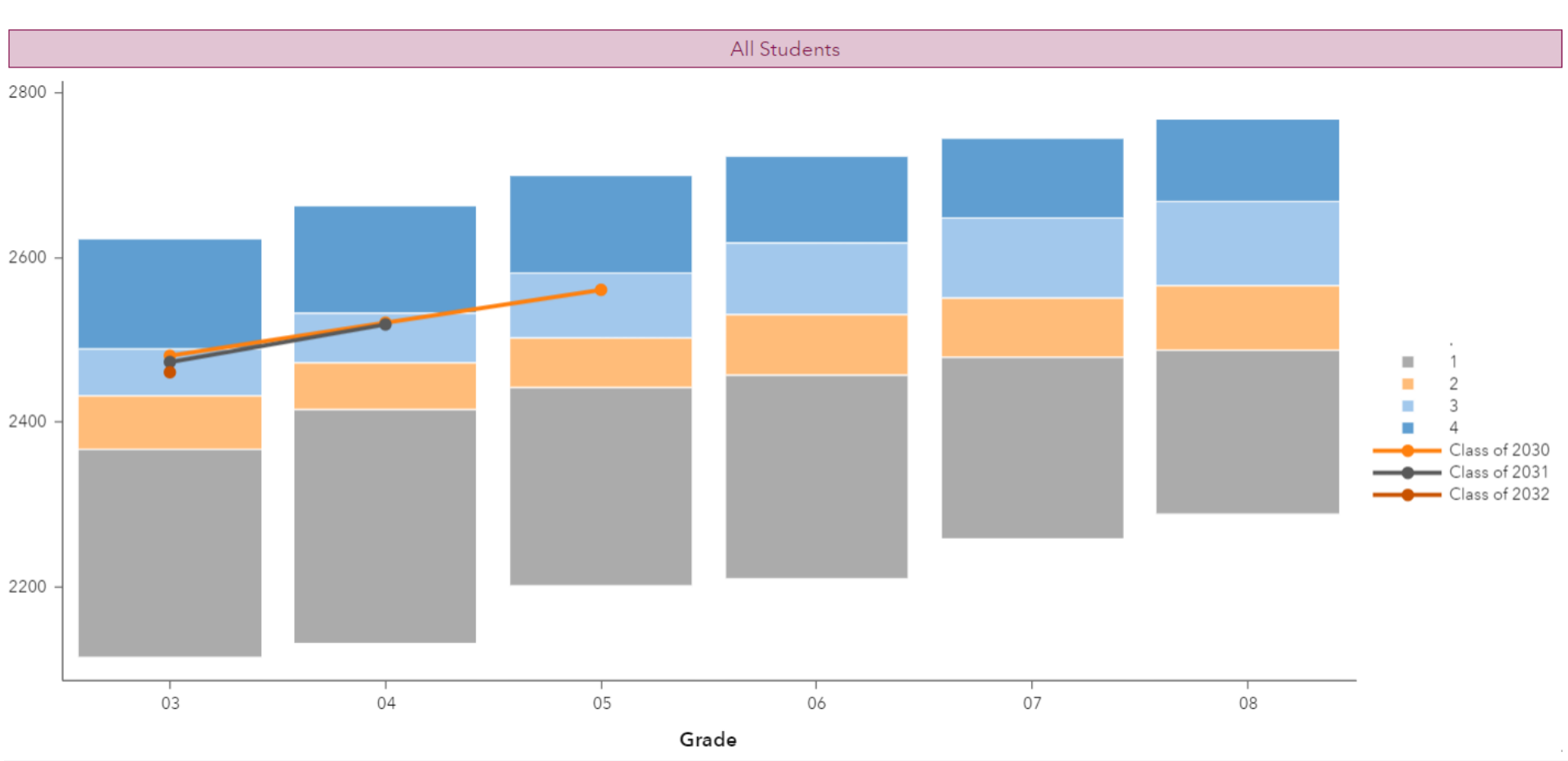
Average Achievement Score

	Grade 3	Grade 4	Grade 5
Level 4	2490-2623	2533-2663	2582-2701
Level 3	2432-2489 **2461**	2473-2532 **2519**	2502-2581 **2561**
Level 2	2367-2431	2416-2472	2442-2501
Level 1	2114-2366	2131-2415	2201-2441

Indicators of Success

ELA

Rough Cohort Trend



Indicators of Success

ELA

Average Rough Cohort Scale Scores

	COVID 19-20	Scale Score 20-21	Scale Score 21-22	Scale Score 22-23
3		2479	2475	**2461**
4		2583	2518	**2519**
5		2586	2583	**2561**

Indicators of Success

ELA

Average Rough Cohort Scale Scores

	COVID 19-20	% at or above goal 20-21	% at or above goal 21-22	% at or above goal 22-23
3		76%	73%	**65%**
4		80%	71%	**72%**
5		87%	88%	**77%**

Indicators of Success

ELA

Rankings - Scale Score and Percent at or above goal

	COVID 19-20	Rankings 20-21 SS/%	Rankings 21-22 SS/%	Rankings 22-23 SS/%
3		*No ranking*	**21st /21st**	**42nd /37th**
4		*No Ranking*	**18th /30th**	**30th /21st**
5		*No Ranking*	**3rd /1st**	**25th /21st**

Indicators of Success

MATH

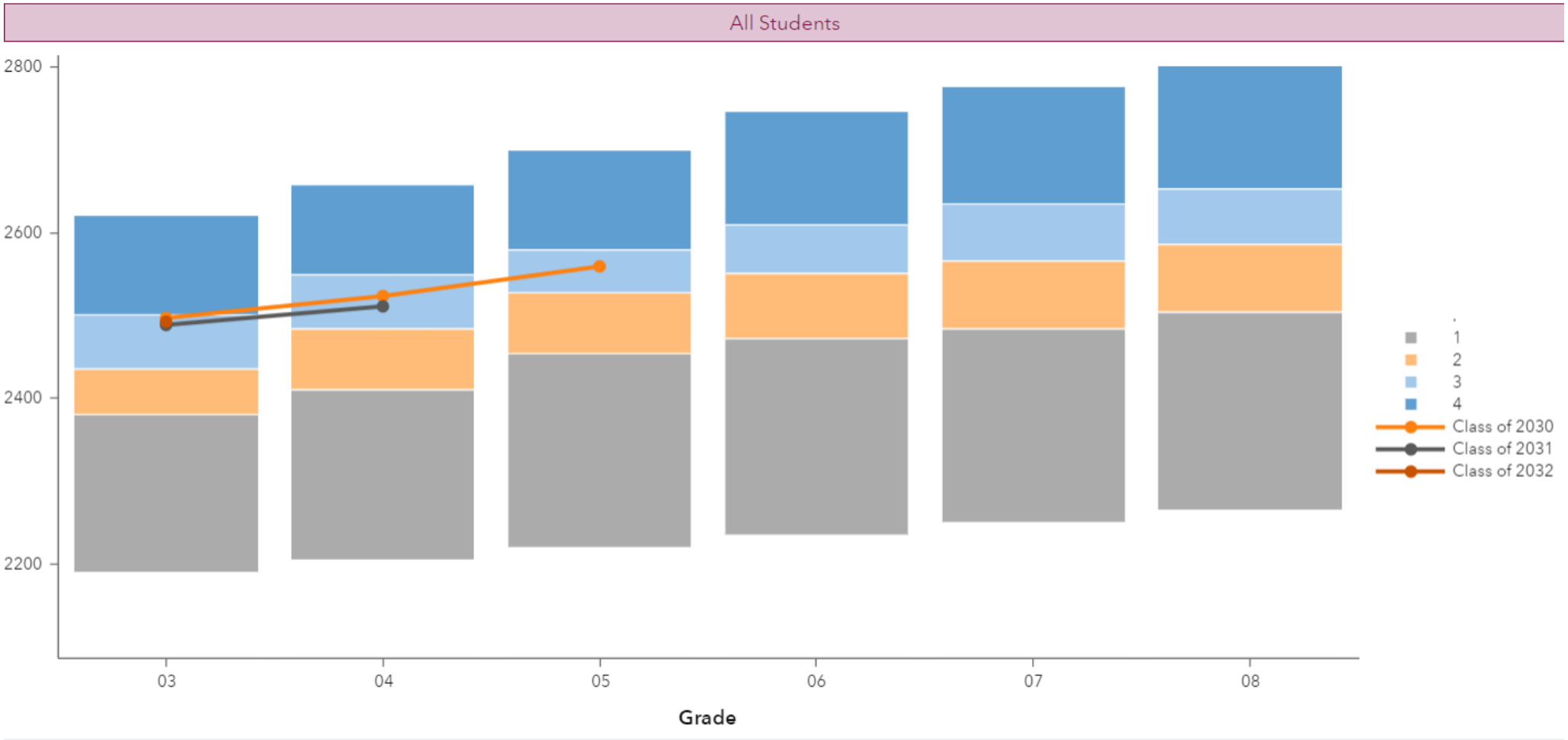
Average Score and % of Students meeting or exceeding benchmarks

	Grade 3	Grade 4	Grade 5
Level 4	2501-2621	2549-2659	2579-2700
Level 3	2436-2500 **2493**	2485-2548 **2510**	2528-2578 **2558**
Level 2	2381-2435	2411-2484	2455-2527
Level 1	2189-2380	2204-2410	2219-2454

Indicators of Success

MATH

Rough Cohort Trend



Indicators of Success

MATH

Average Rough Cohort Scale Scores

	COVID 19-20	Scale Score 20-21	Scale Score 21-22	Scale Score 22-23
3		2496	2489	**2493**
4		2545	2522	**2510**
5		2573	2580	**2588**

Indicators of Success

MATH

Average Rough Cohort Scale Scores

	COVID 19-20	% at or above goal 20-21	% at or above goal 21-22	% at or above goal 22-23
3		77%	80%	**79%**
4		80%	70%	**67%**
5		76%	77%	**72%**

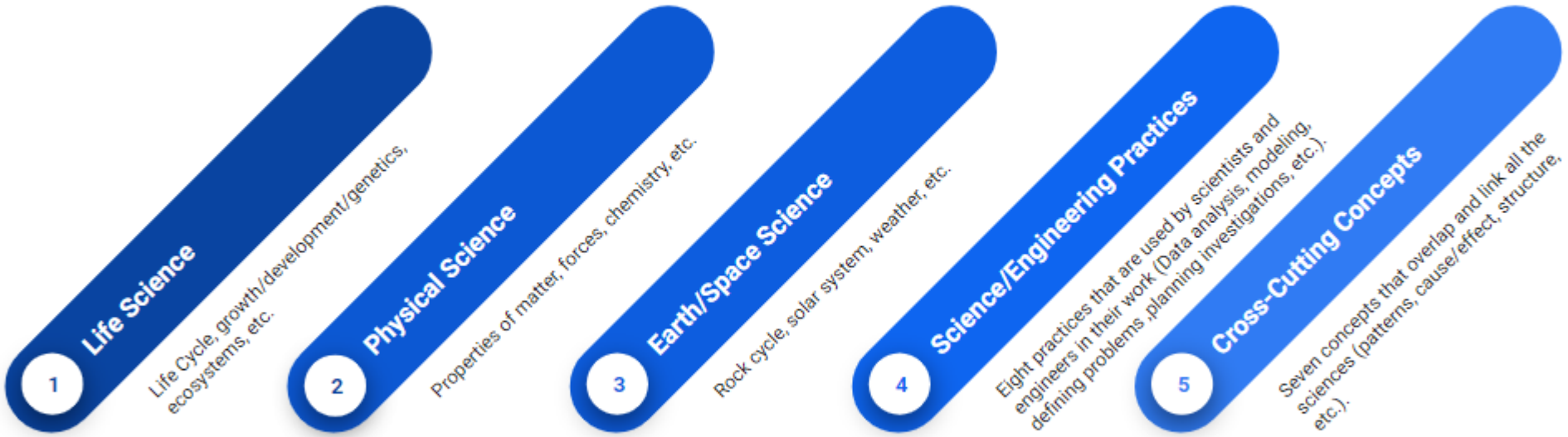
Indicators of Success

MATH

Rankings - Scale Score and Percent at or above goal

	COVID 19-20	Rankings 20-21 SS/%	Rankings 21-22 SS/%	Rankings 22-23 SS/%
3		*No Ranking*	**12th /11th**	**14th /12th**
4		*No Ranking*	**35th /19th**	**57th /44th**
5		*No Ranking*	**4th /3rd**	**30th /21st**

Next Gen. Science



Indicators of Success

Science

Average scale score

	COVID 19-20	Scale Score 20-21	Scale Score 21-22	Scale Score 22-23
5		520	521	520*

*First year of computer adaptive testing

Indicators of Success

Science

Percent at or above goal

	COVID 19-20	% at or above goal 20-21	% at or above goal 21-22	% at or above goal 22-23
5		82%	81%	77%*

*First year of computer adaptive testing

Indicators of Success

Science

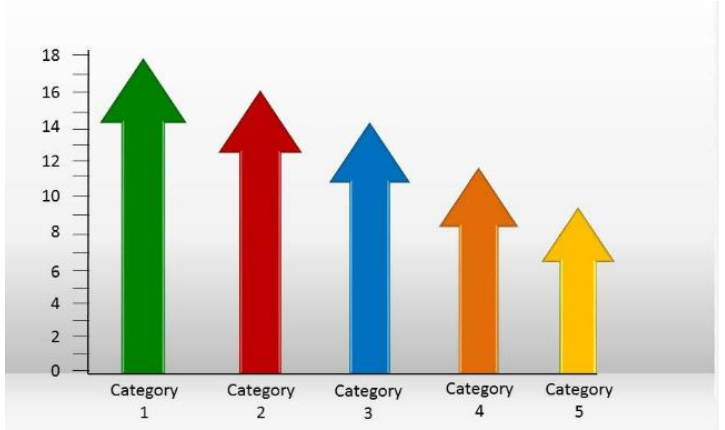
Ranking

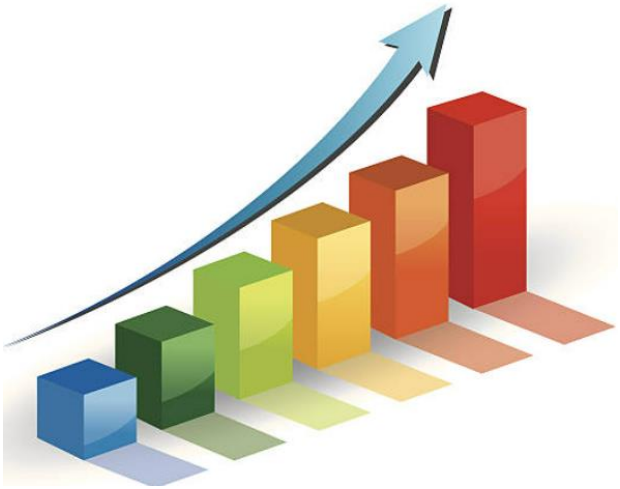
	COVID 19-20	Ranking 20-21	Rankings 21-22 SS/%	Rankings 22-23 SS/%
5		*NR*	9th /9th	16th /17th

*First year of computer adaptive testing

Achievement vs. Growth

Achievement: *A snapshot measure of academic performance.*

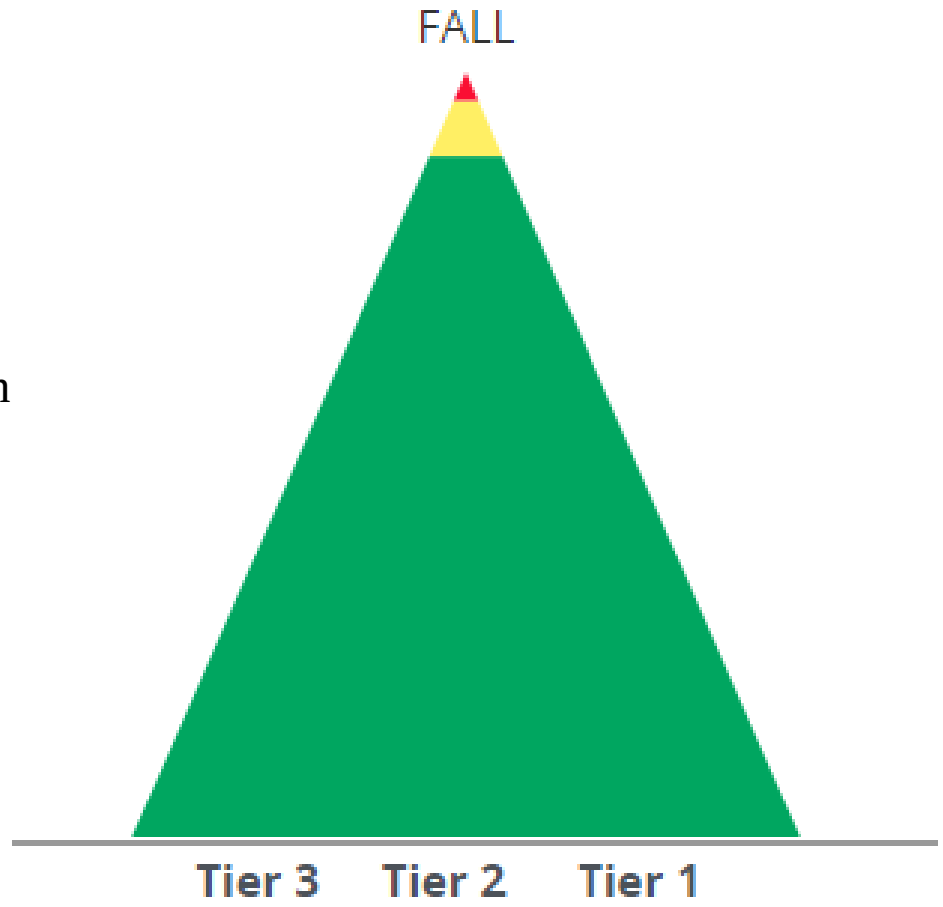




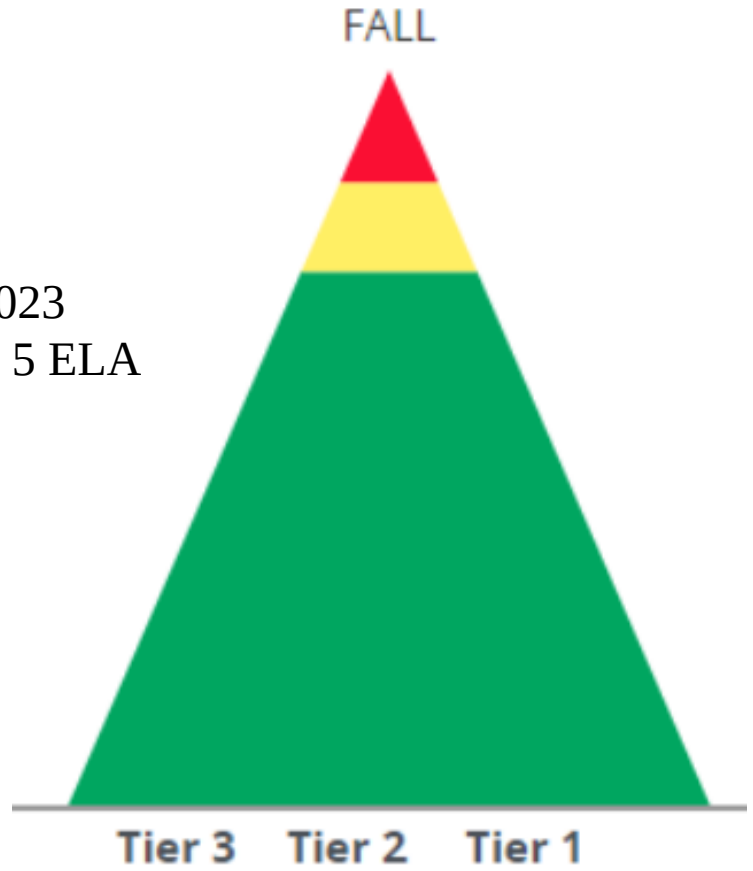
Growth: *A change in achievement between one or more points.*

Sample: Elementary Fall 2023

Fall 2023
Grade 5 Math



Fall 2023
Grade 5 ELA



Green = Met goal

Yellow = Approaching Goal

Red = Below Goal

Fundations Tracker K-3

Test Date	Sounds (5)	WORDS		SENTENCES		Total % Correct
		Spelling (5)	Marking (5)	Phonetic (5)	Trick (5)	
12/18/2020	5	5	5	5	5	100%
12/18/2020	5	4	5	4	4	88%
12/18/2020						
12/18/2020	5	4	5	5	4	92%
12/18/2020	4	5	4	4	4	84%
12/18/2020	5	4	5	3	4	4%
12/18/2020	5	5	5	3	2	
12/18/2020	4	5	5	4	5	92%
12/18/2020	4	3	0	4	5	64%
12/18/2020	4	3	3	4	1	60%
12/18/2020	4	5	5	5	5	96%
12/18/2020	4	4	4	4	2	72%

Grade level sample from unit assessment:

Data is used to inform instruction:

- Re-teaching
- Targeted intervention
- Monitor growth over time

Bridges Math Tracker K-3

MCE Student solves at least 6 facts correctly.	MCE Stude aws a 6 x 8 arra d demonstra ny accurate st gy for finding product.	MCE Student solves at least three problems correctly.	MCE Student solves at least three problems correctly.
1	0	1	1
1	1	1	1
1	1	1	1
1	0	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	0	0	1

Grade level sample from unit pre-assessment:

Data is used to inform instruction:

- What off grade level standards need review/reteaching
- Whole class vs. targeted support
- Curriculum compacting

Continuous Improvement Model

Use of Data Teams to identify students and develop interventions
Use of SAT Meetings for intervention or pre-SRBI intervention
Communication with families to update progress and inform about interventions
Curriculum renewal/updates
Grade-level teams review current data and refine instruction
Coaching meetings to identify best practice

Professional learning in ‘teaching the student of today’:

- Executive functioning
- Advanced instructional practices for student engagement, feedback and curriculum compacting
- Structured and unstructured play (soon to be a state mandate)
- Book study groups to discuss new learning and implementation (Thinking Classroom, EF)

Thank You