

# LYME-OLD LYME SCHOOLS

*Regional School District #18*

*A Private School Experience*



*in a Public School Setting*

## **Regular Board of Education Meeting**

October 6, 2021

*Board Present:* Diane Linderman, Chair; Martha Shoemaker, Vice Chair; Jean Wilczynski, Treasurer; Steven Wilson, Secretary; Rick Goulding; Stacey Leonardo; Jennifer Miller; Mary Powell St. Louis; Suzanne Thompson

*Administration Present:* Ian Neviaser, Superintendent of Schools; Mark Ambruso, Principal of Lyme-Old Lyme Middle School; James Cavalieri, Principal of Lyme Consolidated School; Michelle Dean, Director of Curriculum; Melissa Dougherty, Director of Special Services; Kelly Enoch, Principal of Mile Creek School; Holly McCalla, Business Manager; Jeanne Manfredi, Assistant Principal of Lyme-Old Lyme High School; Ron Turner, Director of Facilities & Technology; Noah Ventola, Assistant Principal of Lyme-Old Lyme Middle School; James Wygonik, Principal of Lyme-Old Lyme High School

*Others Present:* Olivia Hersant and Heather Fried, RETA Co-Presidents; Elise DeBernardo and Andrew Hedberg, High School Student Representatives; Lucy Trost, LOLHS Media Specialist; Attorney Nick Grello; Michael Casey, CEA Representative; 25 Community and Staff Members

### **I. Call to Order**

The meeting was called to order at 6:30 p.m. by Chairwoman Linderman. The Pledge of Allegiance was recited.

### **II. Approval of Minutes**

MOTION: Dr. Powell St. Louis made a motion, which was seconded by Mr. Wilson, to approve the minutes of Regular Meeting of September 1, 2021 as presented.

VOTE: the Board voted unanimously in favor of the motion.

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### III. Visitors

#### 1. Recognition of Teacher of the Year and Employee of the Year

The Board recognized Andrew Raucci, Instructional Technology Specialist at Lyme-Old Lyme High School, for being selected the 2021-2022 Teacher of the Year. Andy has been employed by the district since 2013. Michelle Dean, Director of Curriculum, spoke to the various accomplishments of Andy Raucci.

Patricia Aldrich, Technology Facilitator for the district, was selected as the 2021-2022 Employee of the Year. Pat has been employed by the district since 2014. Ron Turner, Director of Facilities and Technology, spoke to Pat's numerous accomplishments.

#### 2. Report from Student Representatives

Elise DeBernardo and Andrew Hedberg reported on the following activities taking place at the schools:

*At LOLHS:* October is a busy month at the high school. This week is spirit week. Each day has a unique wardrobe theme. The week concludes with a homecoming dance on Friday night in the courtyard and a home football game on Saturday at 1:00 p.m. On October 13, grades 9, 10, & 11 will take the PSAT's. On October 16, the Robotics team will hold the annual Bash at the Beach. On October 19, the band and chorus will hold a fall music concert under the stars. On October 20, the annual Wellness Day takes place. Over 30 community members and faculty will conduct wellness workshops on all aspects of personal wellness and health. October 29 will mark the end of the first quarter of the 2021-2022 school year.

*At LOLMS:* September at the middle school has been busy. The first mid-quarter grades were shared with families in the form of the Student Success Attributes rubric. Fall athletics are up and running with over 100 students participating in a fall sport. Additionally, we have added a tennis and soccer club engaging another 40 student-athletes. Other clubs are beginning including History Day Club, Math Counts, Pottery Club and Upstanders, to name a few. Last week, the 7<sup>th</sup> and 8<sup>th</sup> grades attended Bushy Hill and Rocky Neck respectively to work on leadership skills, communication and teamwork, while the 6<sup>th</sup> grade is attending Bushy Hill this week. Pursuits, our advisory program, began in September with students and adults joining around a shared experience with the goal of creating positive, lasting relationships. Evening grade-level activity nights will begin in October in collaboration with the PTO.

*At Lyme Consolidated School:* The September 23 Back to School Night was very well attended, and it was great having all the parents back in the building. On October 5, the Lyme Fire Department provided fire safety workshops for all students. On October 15, author Angela DiTerlizzi will virtually present her new book *Have You Seen This Book?* to all the students. The 15th is also School Picture Day. The PTO will hold their October meeting on the 26th at 6:30 p.m. Parents will have an option to attend live or by Zoom. On October 29, students and staff will be encouraged to wear orange and black clothing to school. On November 6, the PTO will be holding a Fall Fair from 2:00 to 5:00 p.m.

*At Mile Creek School:* During the month of September, classroom teachers worked with students to develop classroom agreements linked to the school-wide pledge to "Be Safe, Be Kind and Do My

Best." On Constitution Day, all members of the school community signed copies of the pledge as a commitment to follow the agreements that had been developed. On September 17, we celebrated International Dot Day. All students were read the story *The Dot* by Peter Reynolds and engaged in activities about how to make a positive mark on the world. Back to School Night was a big success on September 23. Many parents came to school to meet the teachers, visit classrooms and to learn about the school's curriculum. Yesterday students in grades K to 2 celebrated Fire Prevention Week with a visit from local firefighters. They learned a lot about fire safety and enjoyed exploring fire trucks. On Friday, we are having Crazy Sock Day to launch "Socktober." During this month, the school will collect socks and winter items, such as hats and gloves, to donate to Madonna Place, a homeless shelter in Norwich. Last year we collected over 1,100 pairs of socks for all ages, and we're hoping to surpass that number this year. Additionally in October, grade 3 has a field trip to Camp Hazen, and grade 1 will be visiting the Essex Steam Train.

*In the Preschool Program:* In October, the preschoolers will continue the study of fall by learning about apples, pumpkins and leaves. We are learning to write numbers 1-5 and the letters B and C. We are also reading *The Little Old Lady Who Was Not Afraid of Anything*, and many other fall-themed books. The shape of the month is the triangle, and Wassily Kandinsky is the artist of the month. We welcomed the Old Lyme Fire Department on October 5 for their annual fire prevention visit, and we are looking forward to the trip to the Wee Faerie Village later this month. We will make sure to look our best for picture day, which is scheduled for October 26. We are excited to have Rachel Lucier join our team as a preschool teacher. Mrs. Lucier started with us today.

### 3. Public Comment

Anne-Marie Hinckley, a 8<sup>th</sup> grade student at the Middle School, voiced her opposition to the district's dress code because it did not allow the wearing of crop tops to school.

### IV. Grievance Hearing

Lucy Trost, a library media specialist at Lyme-Old Lyme High School, filed a level three grievance regarding the following wording in the teachers' negotiated contract:

#### *D. Preparation and Planning Periods*

*1. All teachers shall have at leave one (1) preparation period per day. This may be altered if a rotating schedule is in use. During the period, teachers may not be assigned to any other duties except in the case of an emergency, defined as an unexpected or unavoidable occurrence.*

Mrs. Trost's grievance was detailed as follows by Michael Casey, a representative from the Connecticut Education Association. A copy of Mrs. Trost's job description was distributed to the Board members.

*Teachers at Lyme-Old Lyme High School in Region 18 currently work on a rotating A-B Block schedule. Teachers are provided an 84 minute planning period on either an A-Day or a B-Day. Grievant, Lucy Trost is a full-time Library Media Specialist at Lyme-Old Lyme High School. Grievant has been informed that she will only be provided 45 minutes of planning time every other day. The decision of the Board to*

*provide Grievant approximately half the amount planning time provided to the other High School teachers violates Article VI(D), Section 1 of the contract. It also violates past practice. Like the other teachers covered under the contract, Grievant is entitled to an 84 minute planning period on either an A-Day or a B-Day of the block schedule. Informal discussions with the High School Principal have failed to result in any increase in the 45 minutes of planning time every other day allotted to Mrs. Trost. The parties have agreed that it is appropriate to file this grievance at Level III.*

### **Remedy Requested**

1. That the Board provide Mrs. Trost with an 84 minute planning period on either an A-Day or a B-Day of the block schedule;
2. Such other relief as is necessary to return Mrs. Trost to the position she would have been in had the improper denial of planning time not occurred.
3. Grievant and the Association reserve the right to amend the requested remedy.

Nick Grello, Board Attorney, explained the process of a level four grievance hearing with the evidentiary section of the hearing being done in public session and Board deliberation on the subject in executive session. The Board's decision would be stated in open session.

Mrs. Trost detailed her various duties during a typical day as library media specialist at the high school. Mrs. Trost reported that her role has evolved over the years to be in the classroom more frequently, she is constantly creating new learning initiatives for both students and teachers and that she struggles to find time for herself. Mrs. Trost currently teaches one class per day which was assigned to her for one semester beginning at the start of the 2021-2022 school year. Mrs. Trost also co-teaches with other teachers, and the demand on this varies based on need in addition to her various duties in the library.

The Board posed questions to Mrs. Trost on many subjects: the number of on-demand requests she receives from others and how much advance notice she receives for these; the hours that the library assistant is assigned per week to assist in the library; how many students are utilizing the library and how much material is checked out; and the schedule of other library media specialists in the district.

Mr. Neviasser provided the following information on why he denied this grievance at level three and why it was now being put before the Board.

The sentence specific to planning periods in the contract states, "All teachers shall have at least one (1) preparation period per day. This may be altered if a rotating schedule is in use." Nowhere in that language does it specify the length of that period. In alignment with our rotating schedule, you have been provided an additional forty-five minute preparation period that is more than commensurate with your temporary co-teaching assignment of one period for one semester. In fact, the time given to you actually exceeds what is an appropriate amount for a single period (as your average classroom teacher teaches five classes and is assigned eighty-five minutes of preparation time per every eight periods in the rotation; a teacher who teaches one class would be entitled to twenty percent of that or seventeen minutes per every eight periods.)

Your colleagues all have duties assigned to them. Outside of last year which was solely due to COVID, you have never been assigned a duty which provides you even more time to help support your preparation in your role as a library media specialist.

To assume all teachers get the exact same preparation time would be inconsistent with past practice as teachers at all grades and all levels have varying degrees of preparation time. Times vary based on assignments and duties within the same buildings.

Library Media Specialists, Counselors, School Psychologists, some special education teachers, and others who don't have specific class assignments have never, at any building, been assigned specific preparation periods as their daily schedules allow for self-directed preparation time based on whomever they are supporting that day. You are expected to continue to follow this long standing practice while serving in your role as the Library Media Specialist as you have done without concern for the past eight years.

Further Mr. Neviasser provided the Board with a comparison of planning time schedules for Mrs. Trost, the average LOLHS, LOLMS and elementary classroom teacher:

#### **Lucy Trost**

A Day*	B Day*
84 minutes of planning time	84 minutes of planning time
45 additional minutes of planning time**	
No duty assigned	No duty assigned

\*Every Tuesday, Wednesday and Thursday, Mrs. Trost has the assistance of a full-time library aide in the Library Media Center.

\*\*This additional planning time (total of 129 minutes) is only for the first semester to support Mrs. Trost teaching a class that she has not taught before. To further support her transition to this new class, she has not been assigned a duty as all other teachers (both classroom and non-classroom) are assigned.

#### **Average LOLHS Classroom Teacher**

A Day	B Day
84 minutes of planning time	84 minutes of planning time
25-84 minute duty assigned	OR 25-84 minute duty assigned

#### **Average LOLMS Classroom Teacher**

A-1 Day	B-1 Day	C-1 Day	D-1 Day	A-2 Day	B-2 Day	C-2 Day	D-2 Day
47 minutes of planning time	47 minutes of planning time	47 minutes of planning time	47 minutes of planning time	47 minutes of planning time	47 minutes of planning time	47 minutes of planning time	47 minutes of planning time
25-47 minute duty on three of the eight days							

**Average Elementary Classroom Teacher**

All Days (fixed schedule, no rotation)
45 minutes of planning time
25-30 minutes of duties daily plus one 25 minute recess or lunch duty per week

**Teachers who are not assigned to a specific classroom**

At all buildings, Library Media Specialists, Counselors, School Psychologists, some special education teachers, and others who don't have specific class assignments are not assigned specific preparation periods as their daily schedules allow for self-directed preparation time based on whomever they are supporting that day. Within that self-directed time, they schedule a period of time commensurate with their building assignment.

This practice has been in place at least since 1981 as confirmed by both current and former employees. Unfortunately, no one who worked in those roles before 1981 was available to corroborate the use of the practice prior to 1981.

Mr. Neviasser noted that Mrs. Trost was asking for 84 minutes in prep time which she is already getting and entitled to and the administration has allocated an additional 45 minutes of prep time when she was assigned the one class to teach. Mr. Neviasser and Attorney Grello both questioned the connection between the new assignment and the grievance.

Follow-up discussion centered on prep time and the need for Mrs. Trost to carve out time in her schedule for the 84 minutes she is allowed for prepping in addition to the 45 minutes she is allotted for the class she teaches.

**V. Executive Session (attorney-client privileged discussion)**

MOTION: Dr. Goulding made a motion, which was seconded by Mr. Wilson, to move into executive session for the purpose of discussing the grievance testimony for decision-making purposes at 7:46 p.m. Attorney Grello was invited to attend the executive session.

VOTE: the Board voted unanimously in favor of the motion.

The Board reconvened into open session at 8:20 p.m. and made the following motion:

MOTION: Dr. Powell St. Louis made a motion, which was seconded by Dr. Goulding, that after hearing and reviewing the evidence given by all parties, the Region 18 Board of Education rejects the grievance of Lucy Trost

VOTE: the Board voted unanimously in favor of the motion.

## **VI. Administrative Reports**

### **1. Superintendent's Report**

Mr. Neviasser reviewed the October personnel report which reflected numerous new hires and resignations. The district is still seeking a Technology Facilitator as well as a PK-5 Instructional Technology Specialist.

Mr. Neviasser reviewed the October enrollment report. There are a total of 1,300 students enrolled (three students more than last month this time). Mr. Neviasser reported that he has requested updated enrollment projections from both NESDEC and Peter Prowda. This new information will be examined as it relates to the official enrollment count of October 1. In addition, the October 2021 enrollment report indicates that 82.5% of the students are from Old Lyme, while 17.5% of the students are from Lyme. Billings to the towns are based on an average of the October 1 and April 1 student counts.

For those of you remaining on the Board of Education after the election, if you have not done so already, please contact Jeanne DeLaura to sign up for the annual CABE-CAPSS convention on Friday, November 12, 2021.

Mr. Neviasser gave an update on the progress towards the district goals.

*Curriculum. Use multiple points of data to evaluate academic and social emotional progress over the last 18 months in order to inform instruction, supports, interventions, and, when necessary, development of supplemental programming.*

Benchmark and curricular assessments being used for classroom and intervention purposes.

Observational data on student readiness for learning, orientations to learning.

After school extended day programming to begin in October.

*Human Resources. Continue to provide ongoing support for staff to ensure existing and new employees have the resources necessary to perform the duties of their jobs at the highest level possible.*

Specific training for high school/middle school special education teachers will occur in October and November regarding the recent revised mandates for transition planning.

Swapping out 40 Smartboards with Viewsonic boards.

Return to grade level meetings.

Meeting off the record with RETA prior to negotiations.

*Community. Invite community involvement and feedback in preparation for upcoming renovations and strategic planning.*

Strategic planning meeting with BOE, community members and student representatives held on September 18, 2021.

Held QA+M presentation on September 30, 2021.

All meetings still live and recorded with virtual public comment.

Working with the local VFW to plan for a modified Veterans Day program.

NFHS network – ability to watch athletic games in real time.

*Facilities. Monitor and evaluate facility, safety, and technology plans to ensure appropriate use, improvements, and maintenance of buildings, grounds, and infrastructure.*

Turf field almost completed.

NFHS cameras all working.

Geese relief.

First facilities meeting of the school year held that evening.

*Sustainability. Continue to explore and adopt processes and programs that support the district's vision and mission of sustainability.*

Butterfly pollinator garden with Trex bench installed behind the high school.

Completed electric bus grant application.

Looking to purchase new elective vans/buses.

Solar almost complete on Center School.

*Board of Education. Through professional development and training, transition new members into their roles and share processes and procedures that support the high standards and expectations of Lyme-Old Lyme.*

Ordered new BOE informational packets from CABA for newly elected members.

CABA/CAPSS Convention.

## 2. Business Manager's Report

Mrs. McCalla reviewed the Executive Budget Summary as of September 30, 2021. Fluctuations of note:

Year over year spending as a percent to budget is almost equal to last year. The differential in special education is due to timing of special ed therapy and evaluation invoices (as reported at last meeting). The increased spending in this line item is offset by the reduced spending in transportation year over year.

Transportation is down due to reduced runs as a result of the nationwide bus driver shortage.

## Year To Date Revenue Report

	2020-2021 Received	2021-2022 Received YTD
Town of Old Lyme	\$27,556,679	\$5,653,941
Town of Lyme	\$6,376,133	\$1,705,802

Mrs. McCalla reviewed the Contingency Maintenance Report: \$7,749 was expended for costs associated with clean up and carpet tile replacement due to flooding at Mile Creek School from record rainfall associated with tropical storm Ida. The balance of this account currently stands at \$182,027.

## VII. Educational Presentation

### 1. State Assessment (SAT, SBAC, NGSS) Report

Michelle Dean, Director of Curriculum, presented the results of the annual state assessments including SAT, SBAC, and NGSS testing. A copy of her presentation is attached to these minutes for informational purposes.



Follow-up discussion included: rankings compared against other districts; Ivy Bound preparation course details; SBAC commencement year; Scantron benchmark assessment; and the importance of building math scores.

#### **VIII. Chairman & Committee Reports:**

Mrs. Linderman encouraged Board members to attend the CABA Conference noting the usefulness of the keynote speaker and breakout sessions.

Mrs. Linderman thanked the Board members who will be involved in the upcoming RETA negotiations: Steve Wilson, Martha Shoemaker and Suzanne Thompson.

- a. Facilities.* Dr. Goulding reported on the Facilities Committee meeting that took place earlier in the evening. The members walked the main campus. The turf field will be utilized soon which will help alleviate the use of the other fields. The middle school gym floor looks outstanding. Dr. Goulding commended the Facilities Department staff for the conditions of the buildings and grounds.
- b. Finance.* Mrs. Wilczynski noted that the budget schedule will be reviewed during the New Business section of the agenda. The first budget meeting will take place on November 3 when the Board of Ed meets with the Boards of Finance and Selectmen from both towns.
- c. Communications.* Mrs. Thompson reported that there were few attendees (with the exception of current Board of Ed members and those running for the Board of Ed) at the recent community forum on the PreK-8 facilities study presentation despite Bridget Compagno's efforts to publicize this event. Mrs. Shoemaker suggested that they use the all call system to notify parents of important events such as this. Mr. Neviasser advised against this suggestion as he felt it important to only use this system for emergency notification.
- d. Policy.* No report. There was a first read of a policy scheduled later in the meeting.
- e. LEARN.* Mrs. Linderman reported that LEARN is going through a branding change with an emphasis on communicating what LEARN does and what it can do for the districts in this region of the state.
- f. LOL Prevention Coalition.* Mrs. Wilczynski reported on the coalition's last meeting which focused on the work of high school students in the REACH program in which the students are helping other students deal with issues they are facing.

#### **IX. New Business**

##### **1. Spain Field Trip Request**

The Board reviewed a high school field trip proposal to Spain scheduled for April 12, 2022 through April 26, 2022, which included flight, cost, and cancellation policy information. Mr. Neviasser noted that they recognize that things could change (pandemic-wise) which could affect this trip.

Mr. Neviasser also reported that this trip is education-based as the students are going to attend school in Spain to increase their knowledge of the language. All teachers and families that are providing

accommodations are vaccinated and masks must be worn in school. To enter the country, you must be vaccinated. Purchasing travel insurance is mandatory. They anticipate 15-20 students traveling to Spain.

MOTION: Mrs. Shoemaker made a motion, which was seconded by Mr. Wilson, to approve the field trip request to Spain as presented.

VOTE: the Board voted unanimously in favor of the motion.

## 2. Model United Nations Field Trip Request

The Board reviewed another high school field trip proposal for students to attend the Model United Nations Club Conference at the UConn campus on November 5-7, 2021. This proposal detailed information on chaperones, costs, transportation and COVID safety precautions. Mr. Neviaser reviewed key points in the itinerary.

MOTION: Dr. Goulding made a motion, which was seconded by Mrs. Wilczynski, to approve the field trip request to the Model United Nations Club Conference as presented.

VOTE: the Board voted unanimously in favor of the motion.

## 3. Setting of Graduation Date for Class of 2022

Mr. Neviaser explained that the earlier a graduate date is set, the earlier the Safe Grad Committee can reserve a spot on their program. The administration is recommending Friday, June 10, 2022 for this year's graduation.

MOTION: Mrs. Shoemaker made a motion, which was seconded by Mr. Wilson, to approve setting the date of June 10, 2022 for the Lyme-Old Lyme High School graduation.

VOTE: the Board voted unanimously in favor of the motion.

## 4. Budget Process Timeline

The Board reviewed the calendar for the development of the 2022-2023 budget.

Mr. Neviaser reviewed key dates on the schedule. A "budget 101" presentation will take place in January by the business manager for educating the incoming Board members and as a refresher for those remaining on the Board.

MOTION: Mrs. Wilczynski made a motion, which was seconded by Dr. Powell St. Louis, to approve the calendar for the development of the 2022-2023 budget.

VOTE: the Board voted unanimously in favor of the motion.

**5. Appropriation to the Reserve Fund for Capital and Nonrecurring Expenditures**

Mr. Neviasser explained that as of July 1, 2021, Sec. 10-51(d)(2) has been amended to allow regional Boards of Education to appropriate up to 2% of the current fiscal year's budget (\$34,874,548) to a reserve fund for capital and nonrecurring expenditures. The audited budget balance (unspent funds from last year) for fiscal year 2020-2021 is \$1,905,489. The Board of Education may appropriate up to \$697,491 to the reserve fund, leaving \$1,207,998 to be returned to the towns.

**MOTION:** Dr. Goulding made a motion, which was seconded by Mrs. Miller, to appropriate \$697,491 to the reserve fund for capital and nonrecurring expenditures.

**VOTE:** the Board voted unanimously in favor of the motion.

**6. Tuition Student Requests at Lyme-Old Lyme High School**

Mr. Neviasser reviewed tuition student requests for attendance at LOLHS (grade 9 for 2022-2023 school year and grade 11 for current school year).

**MOTION:** Mrs. Shoemaker made a motion, which was seconded by Dr. Goulding, to approve the tuition student requests as presented.

**VOTE:** the Board voted unanimously in favor of the motion.

**7. Review of Policy 5131.911 Bullying Prevention and Intervention**

This was a first reading of this policy. Mr. Neviasser explained that an additional paragraph was added to the policy detailing who should comprise the membership of the Safe School Climate Committee.

**MOTION:** Mrs. Shoemaker made a motion, which was seconded by Mrs. Thompson, to waive the first reading of Policy 5131.911 Bullying Prevention and Intervention.

**VOTE:** the Board voted unanimously in favor of the motion.

**MOTION:** Mrs. Thompson made a motion, which was seconded by Mrs. Wilczynski, to approve Policy 5131.911 Bullying Prevention and Intervention.

**VOTE:** the Board voted unanimously in favor of the motion.

**X. Old Business**

**1. Closing of LOLHS Project**

The district is still waiting for the final change order from the State so there is no action required on this agenda item.

**XI. Adjournment**

The regular meeting adjourned at 9:58 p.m. upon a motion by Dr. Goulding and a second by Mrs. Shoemaker.

Respectfully submitted,

Steven Wilson, Secretary

# Lyme-Old Lyme Schools Achievement Data

October 2021



## 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 2021
- Samples of current nationally normed benchmark assessments (K-8)
- Sample curricular assessment (K-3)
- Enhanced continuous improvements that include intervention strategies to support accelerated learning

### What you won't see:

- Rankings based on state level assessments - [State Directive on Data](#) [Data Sample](#)
- Detailed nationally normed/curricular assessment results



## 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

## SAT COMPONENTS

1 Content Based Vocabulary

2 Evidence Based Reading & Writing

3 Math That Matters Most

4 Real World Context/Phenomena

5 US Founding Documents and Data Analysis



ERW SAT 2018-2019	ERW SAT <b>Fall 2020</b>	ERW SAT 2020-2021	MATH SAT 2018-2019	MATH SAT <b>Fall 2020</b>	MATH SAT 2020-2021
580	574	561	580	566	580
86% at or above goal	<i>Not released by state</i>	80% at or above goal	75% at or above goal	<i>Not released by state</i>	69% at or above goal

## Continuous Improvement Model

SAT is high stakes for  
students *and* districts

- Public information
- Achievement is part of the district "report card"
- College entrance exam

Many years worth of trend data

- Historic achievement helps with curriculum review and instructional practices
- Current achievement assists with new progress monitoring

Achievement and growth are  
different measures

- Growth in PSAT 9/10
- Growth calculator to estimate % of growth
- Teacher SLOs

SAT preparation supports  
success

- Ivy Bound student sessions
- Khan Academy used to target skills
- Embedded curricular practice
- TASC/Special Education intervention



### Addressing Achievement Results and Supporting Students

- Discounted SAT preparation course with Ivy Bound
- After school TASC support
- Analysis of SAT data with a crosswalk with curriculum standards
- Pre-assessments to determine student readiness
- Embedded SAT preparation into content area classes
- SAT preparation for all juniors embedded into the school day

### Advanced Placement Trend Data 2017-2020

Year	2017	2018	2019	2020	2021
Total AP Students	167	147	129	115	129
Number of Exams	265	263	231	207	218
AP Students with Scores 3+	123	119	112	100	105
% of Total AP Students with Scores 3+	74%	81%	87%	86%	83%





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## Lyme-Old Lyme SBAC Results



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

## Types of Items on the Assessment



- Multiple choice/write-in responses for both ELA and Math
- Computer Adaptive Technology
- Embedded tools



## 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
<b>Mathematics</b>						
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
<b>ELA/Literacy</b>						
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

## 2020-2021 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	2582-2701 2589	2618-2724	2649-2745	2668-2769
Level 3	2432-2489 2481	2473-2532 2531	2502-2581	2531-2617 2553	2552-2648 2627	2567-2667 2622
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



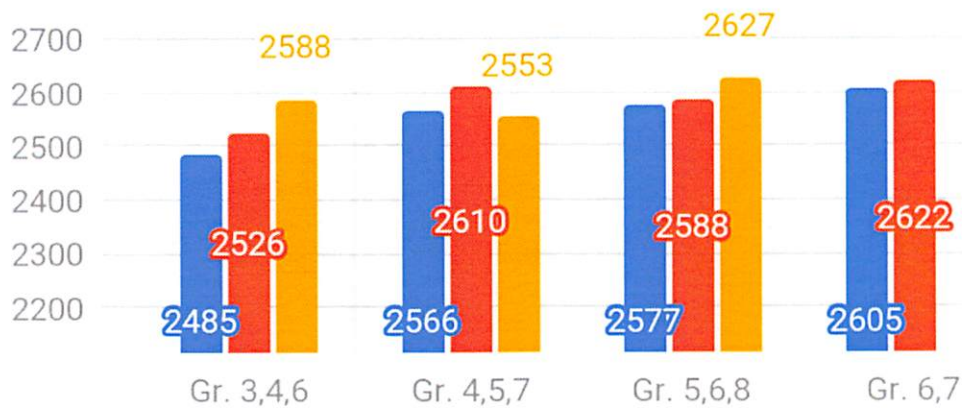
## 2020-2021 ELA BREAKOUT BY GRADE LEVEL

GRADE	SCALE SCORE	% at 3 or 4	% at 2	% at 1
3	2481	76%	20%	4%
4	2531	80%	10%	10%
5	2589	87%	11%	2%
6	2553	64%	20%	16%
7	2627	83%	11%	6%
8	2622	75%	11%	13%

## ELA SBAC ACHIEVEMENT RESULTS

	% at 3 or 4 2017-18	% at 3 or 4 2018-19	2019-2020	% at 3 or 4 2020-21	Scale Score 2020- 21
3	86%	81%		76%	2481
4	92%	71%		80%	2531
5	81%	93%		87%	2589
6	70%	75%		64%	2553
7	79%	77%		83%	2627
8	73%	81%		75%	2622

## ELA Cohort Growth



Blue: 2017-2018 Red: 2018-2019 Yellow: 2020-2021

## 2020-2021 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	2579-2700	2610-2748	2635-2778	2653-2802
Level 3	2436-2500 <b>2500</b>	2485-2548 <b>2544</b>	2528-2578 <b>2575</b>	2552-2609	2567-2634 <b>2617</b>	2586-2652 <b>2611</b>
Level 2	2381-2435	2411-2484	2455-2527	2473-2551 <b>2531</b>	2484-2566	2504-2585
Level 1	2189-2380	2204-2410	2219-2454	2235-2472	2250-2483	2265-2503

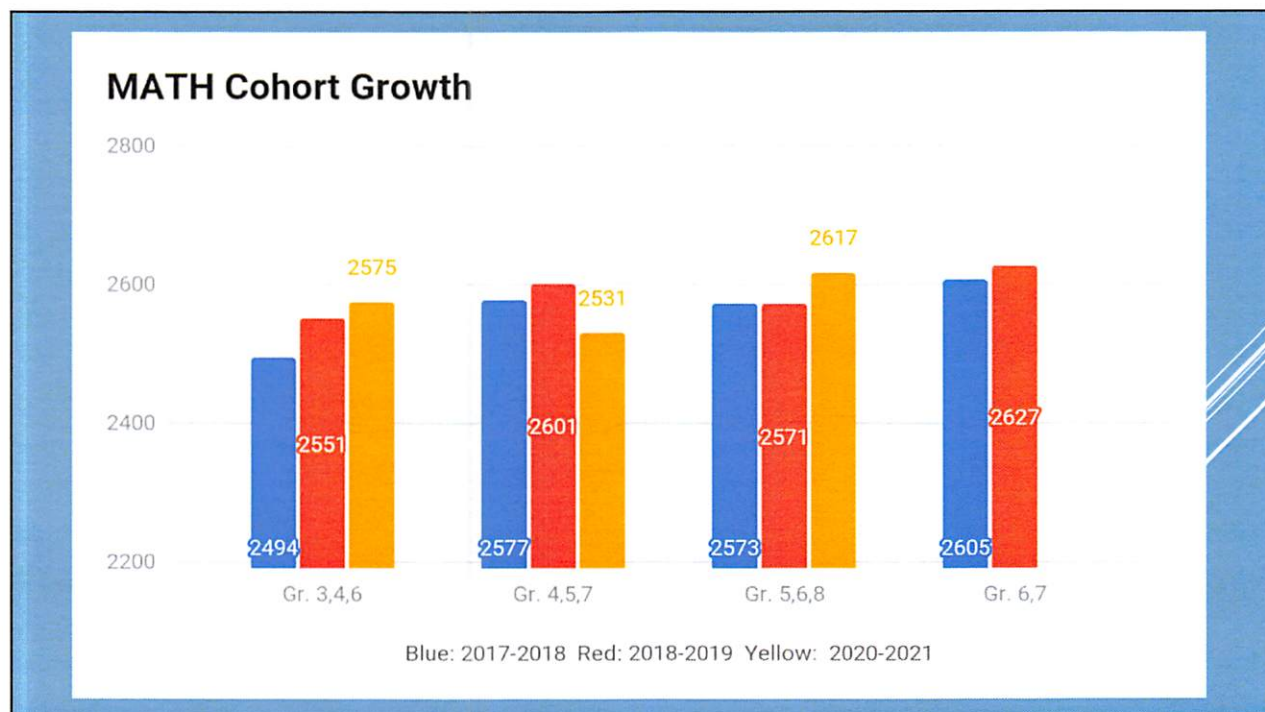


## 2020-2021 MATH BREAKOUT BY GRADE LEVEL

GRADE	SCALE SCORE	% at 3 or 4	% at 2	% at 1
3	2500	78%	18%	5%
4	2544	81%	14%	5%
5	2575	78%	17%	5%
6	2531	44%	30%	26%
7	2617	75%	15%	11%
8	2611	62%	20%	18%

## MATH SBAC ACHIEVEMENT RESULTS

	% at 3 or 4 2017-18	% at 3 or 4 2018-19	2019-2020	% at 3 or 4 2020-21	Scale Score 2020- 21
3	82%	90%		78%	2500
4	90%	81%		81%	2544
5	Not Reported	85%		78%	2575
6	79%	66%		44%	2531
7	74%	81%		75%	2617
8	75%	74%		62%	2611



## Achievement Vs. Growth

**Achievement:** A snapshot measure of academic performance

SBAC Scale Score / Level

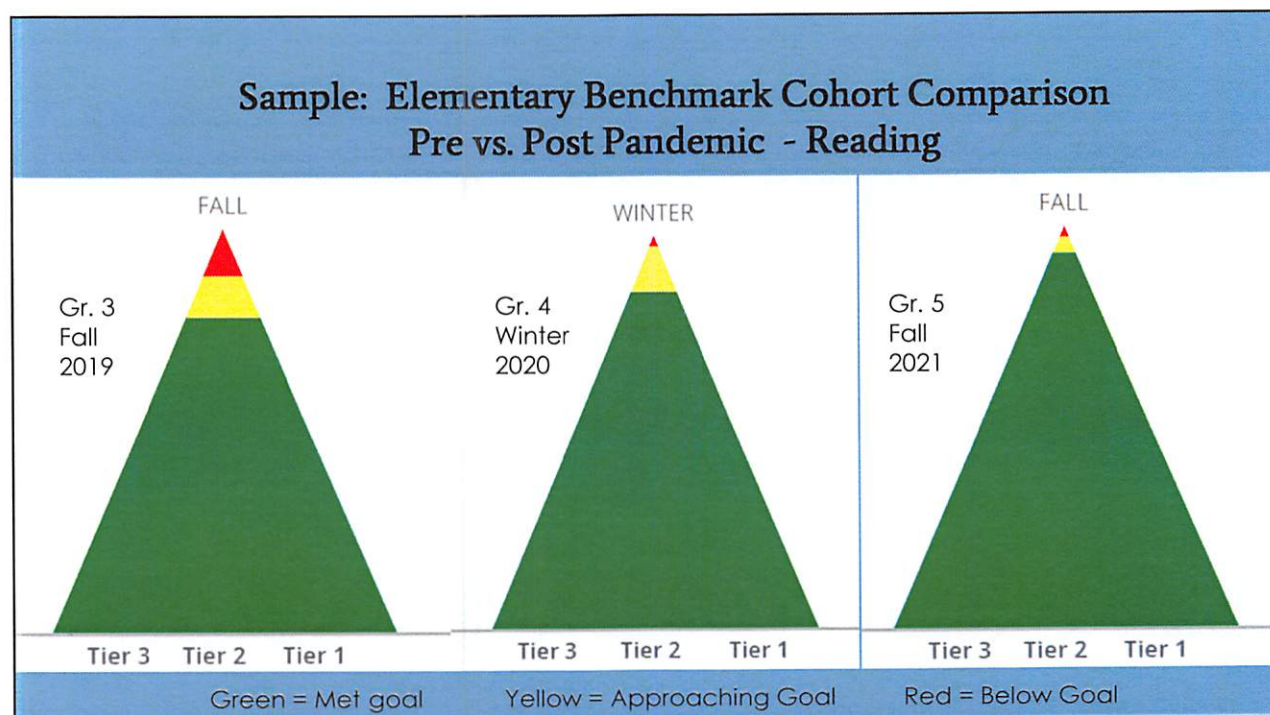
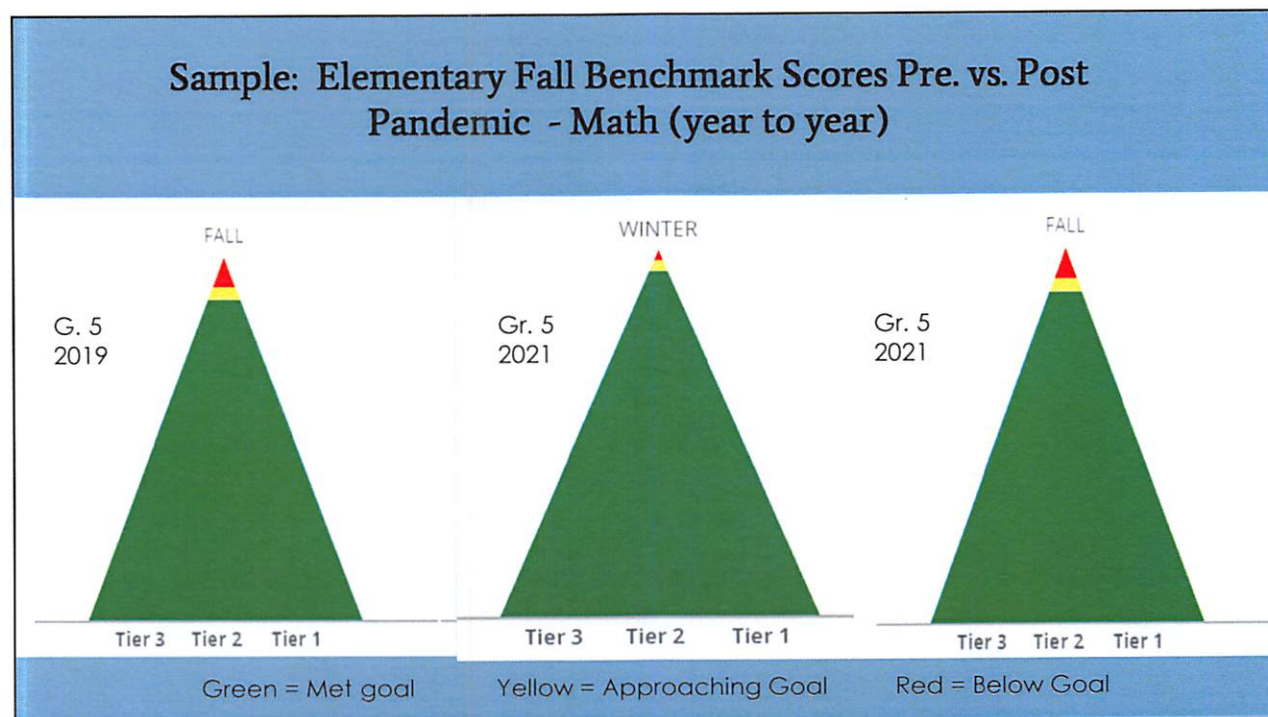
ELA Grade 5: 2581 / Level 3

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

Growth Rate (Target) and Percentage of Target Achieved

Yes or No / % of Target







## ELA Foundations Tracker (Formative/Summative)

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	84%
12/18/2020	5	5	5	3	2	72%
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 Pre-Assessment (Formative)

MCE Student solves at least 6 facts correctly.	MCE Student solves a 6 x 8 array and demonstrates any accurate strategy 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	0	0	1

### Grade level sample from unit pre-assessment:

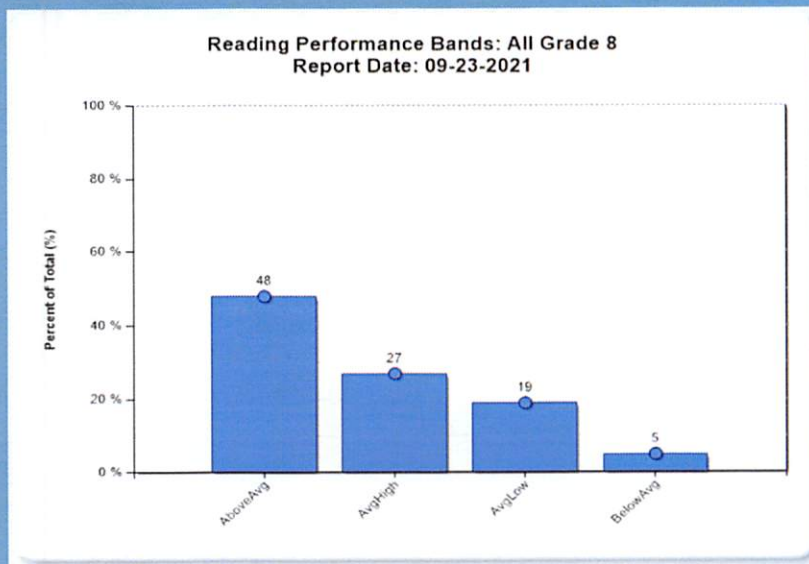
Data is used to inform instruction:

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



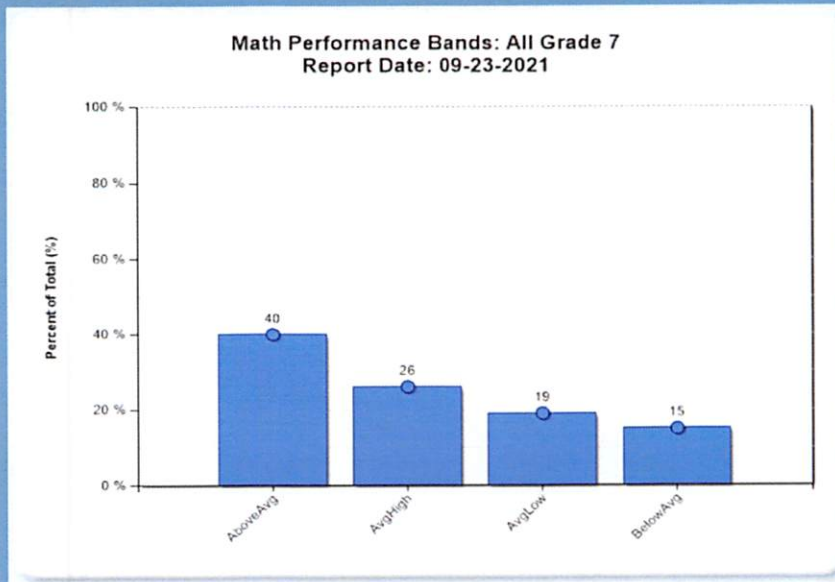
### Sample: Scantron Benchmark - Grade 8 Reading

Based on curricular standards at grade 8, 75% of students are testing above to high average with a mean scale score of 3076 for all students (Average High Quartile 2949-3085).



### Sample: Scantron Benchmark - Grade 7 Math

Based on curricular standards at grade 7, 66% of students are testing above to high average with a mean scale score of 2715. (Average High Quartile 2658-2788).



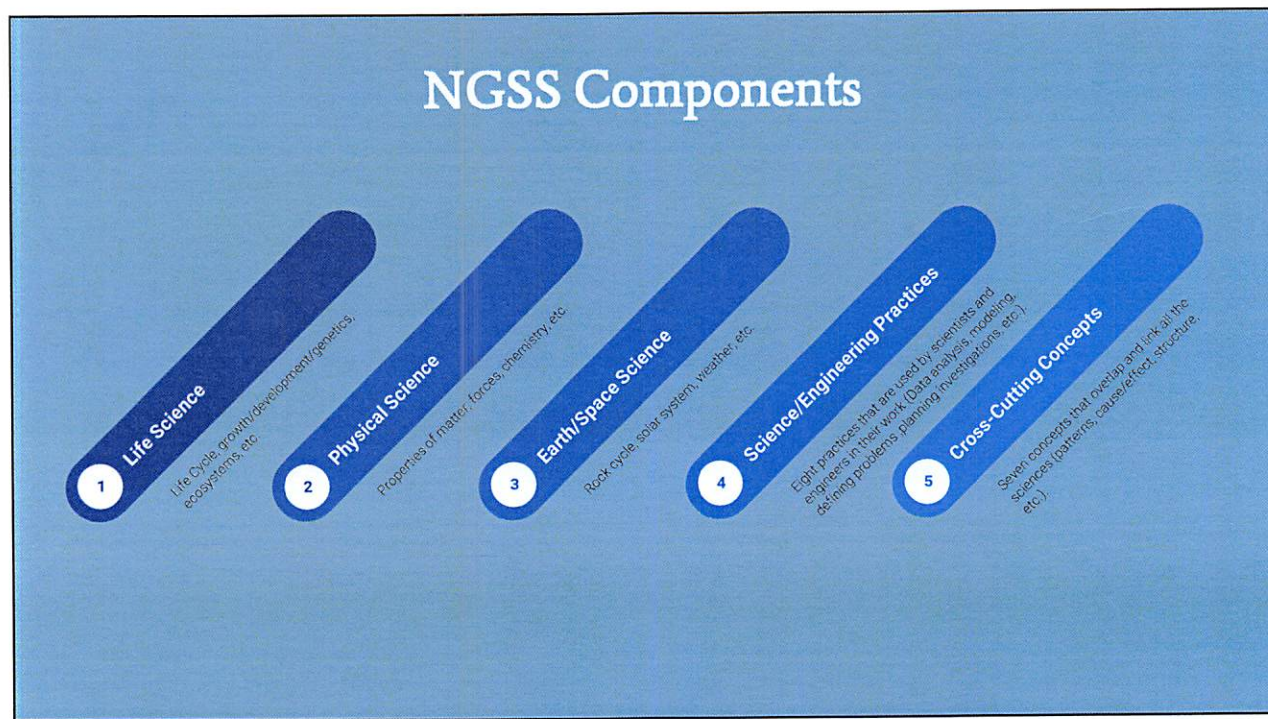
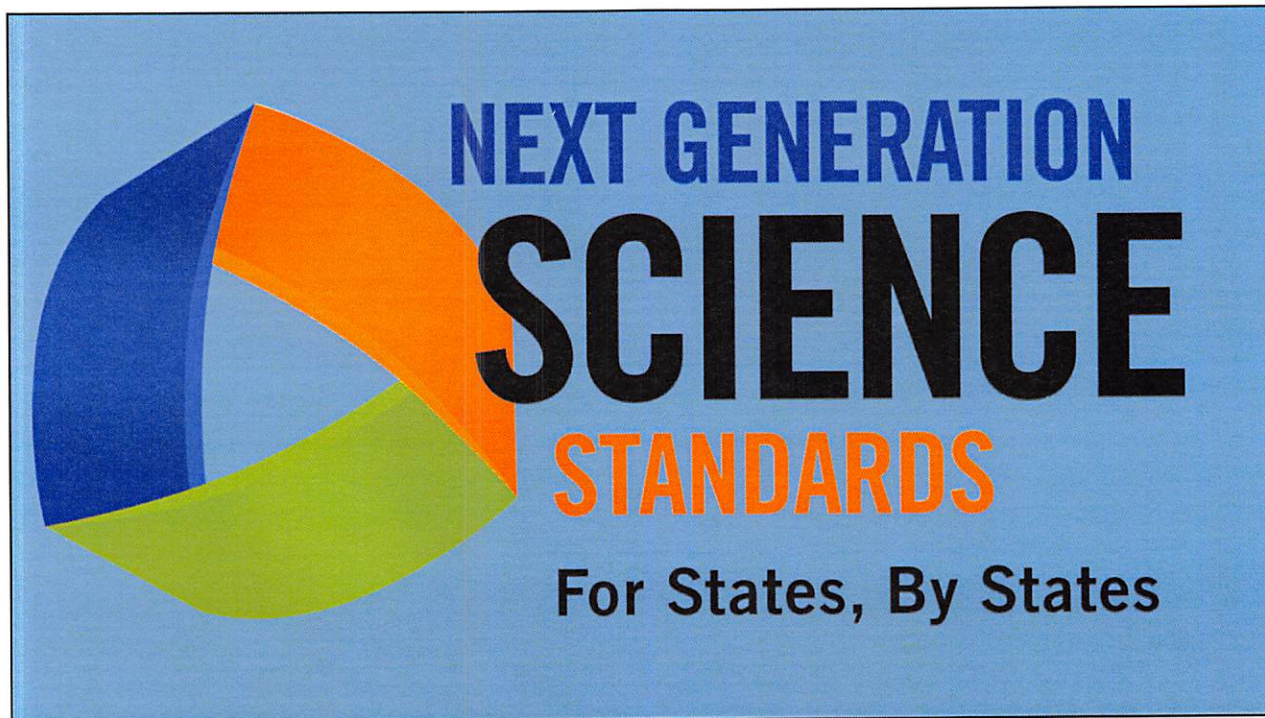
### Example: Sample Scantron Summary of Grade Level Standard Achievement

Area	Mathematics		
Unit(s)	Algebra, Data Analysis & Probability, Geometry, Measurement, Number & Operations		
Standards for Grade Level	6		
Exclude objectives that are not in a selected Standards	No		
Unit	Standard	Attained	Not Attained
Algebra	CCSS.Math.Content.6.RP.A.3.a The learner will find missing values in a table representing a ratio relationship.	36	6
Algebra	CCSS.Math.Content.6.NS.C.6.c The learner will graph ordered pairs with coordinates with positive and negative rational numbers.	34	8
Algebra	CCSS.Math.Content.6.EE.B.7 The learner will solve real-world problems using one-step equations.	26	16
Algebra	The learner will determine the output values of a given function.	25	17
Algebra	CCSS.Math.Content.6.NS.C.7.c The learner will be able to define absolute value and determine the absolute value of rational numbers (including positive and negative).	13	29
Algebra	CCSS.Math.Content.6.EE.A.2.c The learner will evaluate a given variable expression by substituting the given values.	11	31
Algebra	The learner will be able to identify the multiplicative inverse (reciprocal) of a number.	7	35
Algebra	CCSS.Math.Content.6.EE.A.1 The learner will write expressions with whole-number exponents.	2	40
Algebra	CCSS.Math.Content.6.EE.C.9 The learner will analyze the relationship between the dependent and independent variables using tables.	2	40

### Continuous Improvement Model

SBAC is high stakes for districts	<ul style="list-style-type: none"> <li>Achievement is part of the district "report card"</li> <li>Public information</li> <li>Teachers take ownership for data</li> </ul>
Many years worth of trend data	<ul style="list-style-type: none"> <li>Trend and cohort data available for all demographics</li> <li>Benchmark and progress monitoring allows for year-long growth measures</li> </ul>
Achievement and growth are different measures	<ul style="list-style-type: none"> <li>Achievement against standards informs curricular and instructional changes</li> <li>Growth trends inform <i>where/with whom</i> to differentiate curriculum and instruction</li> <li>Teacher SLOs</li> </ul>
SBAC preparation supports success	<ul style="list-style-type: none"> <li>Interim Assessment Blocks/AVA</li> <li>Embedded curricular practice</li> <li>Expanded progress monitoring through SRBI</li> <li>Extended Day programming in progress</li> </ul>







## NGSS Assessment Results

2018-2019

Grade	% at or above goal
5	90%
8	84%
11	71%

2020-2021

Grade	% at or above goal
5	84%
8	73%
11	77%

## Continuous Improvement Model

NGSS is high stakes for districts

- Achievement is part of the district "report card"
- Public information
- Teachers take ownership for data K-12

New assessment

- Only two testing years
- Minimum of three years for valid results/deeper meaning
- No cohort data yet

Teacher preparation supports growth

- NGSS supports as needed/curricular renewal as needed

Student preparation supports success

- Practice test items
- Updated curricular courses/materials/practice

**Final Questions?**