

Student Performance Data and Action Plans

Where Excellence Begins

Education Affairs November 28, 2023 7:00pm



Mission Statement

The mission of Cheltenham School District is to provide inspiration and resources for every student to achieve academic excellence and pursue their highest potential by creating an equitable and inclusive community that fosters social and emotional well-being and a passion for learning.

Vision Statement

"Belong, Engage, Seek Justice" Cheltenham School District is a community where all students know they belong, engage and excel in their learning experience, and are prepared to act as champions of social justice.

CSD CHELTENHAM AGENDA

- Data Analysis for Continuous School Improvement and Professional Learning
- 2) Data and Goals
- 3) Questions
- 4) School Based Data and Action Plans
- 5) Final Questions

Note: Appendix 1: Glossary of acronyms

Appendix 2: High School Accountability - additional details



DATA ANALYSIS FOR CONTINUOUS SCHOOL IMPROVEMENT



PROFESSIONAL LEARNING

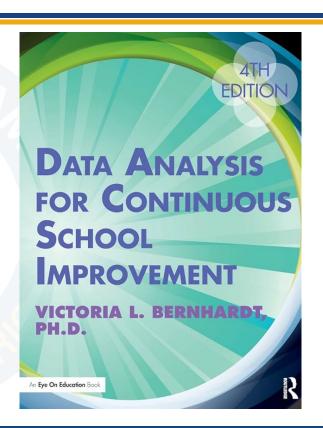


INTRODUCTION

CSD has partnered with Dr. Victoria Bernhardt's *Education for the Future Initiative* (EFI)

- EFI is non-profit that helps schools build capacity to use data to improve learning for all students
- Dr. Bernhardt is a preeminent voice in the use of data to improve schools, has authored over 20 books on the subject, and is Professor Emeritus at California State University.

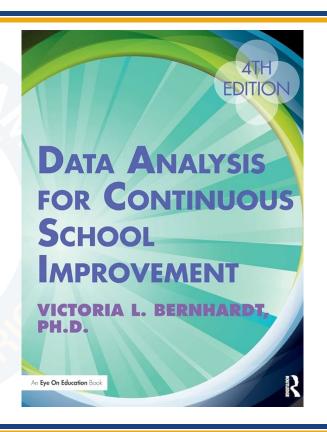
EFI was selected for its holistic approach to data driven organizational decision making, and their work aligning CSI processes to the specific needs of Pennsylvania school districts





WHY this approach?

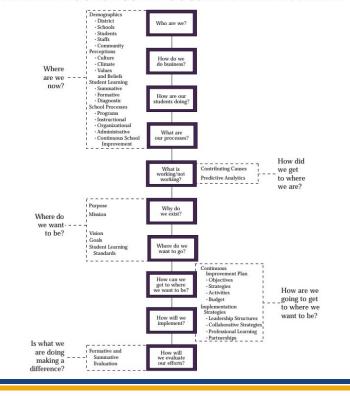
If our sole school improvement strategy is reacting to negative test results, anything not traditionally tested is marginalized.





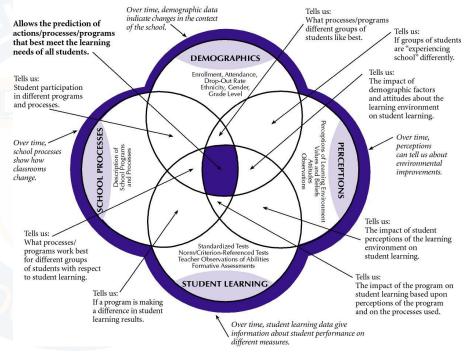
HOW are we using data to make continuous improvements to our schools that are holistic?

DATA ANALYSIS FOR CONTINUOUS SCHOOL IMPROVEMENT



WHAT our holistic and data centered approach looks like (part 1)





CHELTENHAM

WHAT our holistic and data centered approach looks like

(part 2)

Program Evaluation Tool, please list the program or process to be evaluated:

Needs Assessment	Pu	irpose	Participants	Impl	ementation		Results
What are your data telling you about the need for the program or process?	What is the purpose of the program or process?	What are the intended outcomes?	Who is the program/process intended to serve?	How should the program/process be implemented with integrity and fidelity to ensure attainment of intended outcomes?	How is implementation being monitored?	How will results be measured?	What are the results?
		4 Non Double for some	Who is being served? Who is not being served?		How should implementation be monitored? To what degree is the program being implemented with integrity and fidelity?		

Implications for the Continuous Improvement Plan: Describe big picture next steps that result from the work above

WHEN our Continuous School **Improvement** work happens

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Dec 27-20

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Mar 29

Apr 23

May 27

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Nov 23-24

Cheltenham School District 2023-2024

Academic Calendar Independence Holiday - Offices Closed Aug 14-17 New Teacher Induction All Staff - Prof. Development Days #1 Aug 22 Teachers & Paranrofessionals Prof. Development Days #3 In-Service Day *3

Schools Closed/Offices Oper 1st Day of School Schools Closed/Offices Open ffices Closed Offices Closed ent Day #4 ent Day #5 Nov 20 onferences Nov 21 ences - No classes K-8

nces - No Classes K-12 Offices Closed Offices Closed

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First and Last Day of School

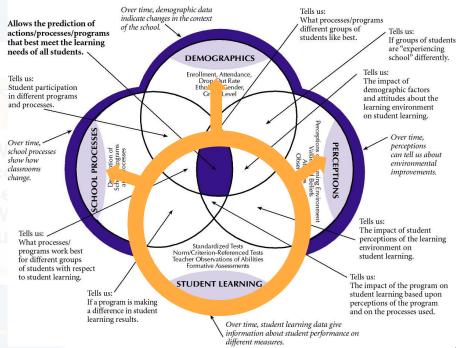
_	Schools and Offices Closed						
	Teacher/Staff Professional Development – No Classes						
	In-Service – No Classes						
	Schools Closed/Offices Open						
٥	Early Dismissal Wednesdays						
_	Gr K-6: 2:00 p.m. Gr 7-8: 1:30 p.m. Gr 9-12: 12:50 p.m.						
	No Classes K-8 Parent/Teacher Conferences						
	No Classes K-12 Parent/Teacher Conferences						
	CHS Graduation						
	Induction						
	Administrator Work Day						
Α	ct 80 Days (2023) - 8/22, 8/23, 10/9, 11/7, 11/21, 11/22						
A	ct 80 Days (2024) - 2/16, 4/23						
	Student Days: 184 (4 snow days included)						
	Teacher Days: 194 (4 snow days included)						

School Board Approved 1/10/2023

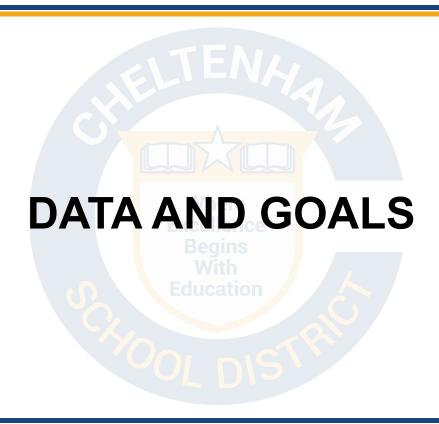
Regarding Today's Presentation

- The Continuous School Improvement (CSI) process is an ongoing, yearlong process
- We have not yet completed the CSI process
- Tonight's presentation is centered on Student Learning Data (performance) alone. Future presentations will share with the community the full CSI approach

Multiple Measures of Data







STATE-WIDE PERFORMANCE GOALS

- Source
 - Future Ready PA Index from PA Dept. of Ed.
 - Every Student Succeeds Act (ESSA) from U.S.
 Dept. of Education
- School Performance
- Statewide Average
- Statewide Goal (2033)
 - Accountability Indicators
 - Yearly Interim Targets



PERFORMANCE GOALS

Subject	Interim Target (2024)	Long Term Goal (2033)
ELA	70.3%	81.1%
Mathematics	55.8%	71.8%
Science	73.1%	83.0%

2033 State ESSA Goals

Student Groups	English Language Arts:	Measures of Interim Progress - English Language Arts															
	Baseline Data	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
All Students	61.6	62.9	64.2	65.5	66.7	67.9	69.1	70.3	71.5	72.7	73.9	75.1	76.3	77.5	78.7	79.9	81.1
White	69.4	70.4	71.4	72.4	73.4	74.4	75.4	76.4	77.4	78.4	79.4	80.4	81.3	82.2	83.1	84	85
African- American/Black	35.9	38	40.1	42.2	44.3	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	62.4	64.4	66.4	68.4
Hispanic	40	41.9	43.8	45.7	47.6	49.5	51.4	53.3	55.2	57.1	59	60.8	62.6	64.4	66.2	68	69.9
Asian (not Hispanic)	77.9	78.7	79.5	80.3	81.1	81.9	82.6	83.3	84	84.7	85.4	86.1	86.8	87.5	88.2	88.9	89.6
American Indian or Alaskan Native	55.3	56.7	58.1	59.5	60.9	62.3	63.7	65.1	66.5	67.9	69.3	70.7	72.1	73.5	74.8	76.1	77.4
Multi-Racial (not Hispanic)	55	56.4	57.8	59.2	60.6	62	63.4	64.8	66.2	67.6	69	70.4	71.8	73.2	74.5	75.8	77.1
Hawaiian Native/Pacific Islander	70	71	72	73	74	75	76	77	78	79	80	81	81.9	82.8	83.7	84.6	85.6
Students with Disabilities	25.3	27.7	30.1	32.5	34.9	37.3	39.7	42.1	44.5	46.8	49.1	51.4	53.7	56	58.3	60.6	63
English Learners	11.7	14.5	17.3	20.1	22.9	25.7	28.5	31.3	34.1	36.9	39.7	42.4	45.1	47.8	50.5	53.1	55.9
Economically Disadvantaged	43.9	45.7	47.5	49.3	51.1	52.9	54.7	56.5	58.3	60.1	61.9	63.7	65.5	67.3	69	70.7	72.5

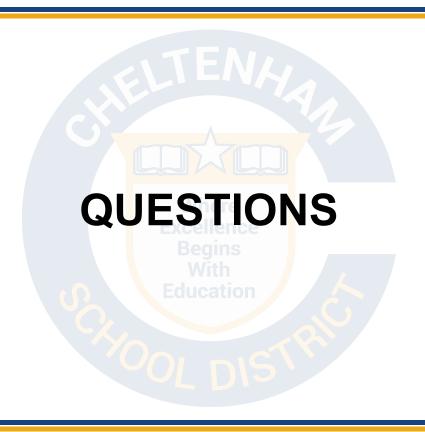
Student Groups							Measure	s of Interi	im Progre	25						
						17	2023	2024	2025							
All Students	Language Arts: seline Data	2018	2019	2020	2021	202	69.1	70.3	71.5	sh Lang 2027	uage Art	2029	2030	2031	2032	2033
White	eiiile Data	2010	2019	2020	2021	202	75.4	76.4	77.4	2027	2020	2029	2030	2031	2032	2033
	61.6	62.9	64.2	65.5	66.7	67.5		\$400 E. I.E.	20 2000	73.9	75.1	76.3	77.5	78.7	79.9	81.1
African-	69.4	70.4	71.4	72.4	73.4	74.4	48.4	50.4	52.4	79.4	80.4	81.3	82.2	83.1	84	85
American/Black	35.9	38	40.1	42.2	44.3	46.4				56.4	58.4	60.4	62.4	64.4	66.4	68.4
Hispanic							51.4	53.3	55.2							
Asian (not Hispanic)	40	41.9	43.8	45.7	47.6	49.5	82.6	83.3	84	- 59	60.8	62.6	64.4	66.2	68	69.9
	77.9	78.7	79.5	80.3	81.1	81.9				85.4	86.1	86.8	87.5	88.2	88.9	89.6
American Indian or Alaskan Native	55.3	56.7	58.1	59.5	60.9	62.3	63.7	65.1	66.5	69.3	70.7	72.1	73.5	74.8	76.1	77.4
Multi-Racial (not	55	56.4	57.8	59.2	60.6	62-	63.4	64.8	66.2	69	70.4	71.8	73.2	74.5	75.8	77.1
Hispanic)	70	71	72	73	74	75				80	81	81.9	82.8	83.7	84.6	85.6
Hawaiian							76	77	78							
Native/Pacific Islander	25.3	27.7	30.1	32.5	34.9	37.3				49.1	51.4	53.7	56	58.3	60.6	63
Students with	11.7	14.5	17.3	20.1	22.9	25.7	39.7	42.1	44.5	39.7	42.4	45.1	47.8		53.1	55.9
Disabilities	43.9	45.7	47.5	49.3	51.1	52.9	39.7	42.1	44.5	61.9	63.7	65.5	67.3	69	70.7	72.5
English Learners							28.5	31.3	34.1							
Economically	1						54.7	56.5	58.3							
Disadvantaged																16

SCHOOL-BASED PERFORMANCE TARGETS

Factors informing the design of the 2023-2024 targets:

- Benchmark performance
- Performance and growth on PSSA and Keystone Exams (historical and predictive)
- Goal of continuous school improvement
- Other considerations
 - Lingering effects of Covid-19 ("banked" data)
 - High School accountability
 - Changes to the standards (STEELS)
 - Changes to the assessments

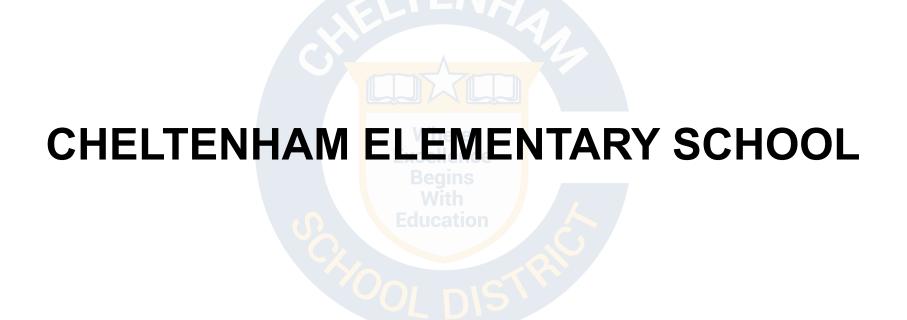






SCHOOL-BASED DATA and ACTION PLANS

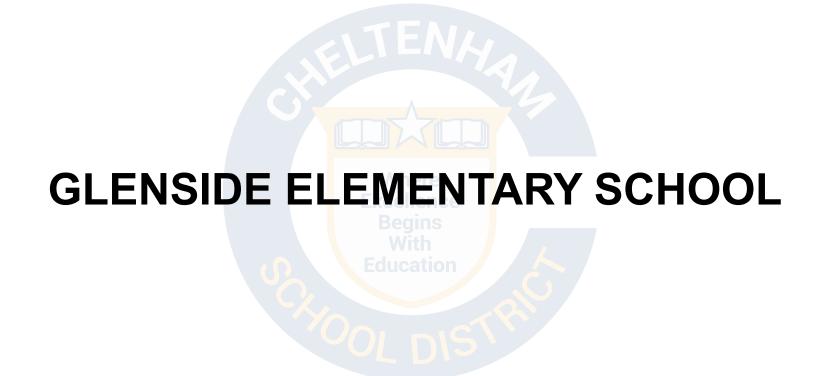




CHELTENHAM ELEM PERFORMANCE DATA

	3rd Grade PSSA ELA	3rd Grade PSSA Math			4th Grade PSSA Science
2022-2023 Performance (% Proficient + Advanced)	45%	42%	34%	22%	64%
2023-2024 Target (% Proficient + Advanced)	48.6%	45%	38.7%	27%	65.1%*
Action Plan		2. Ana 3. Sci	alyze multiple measures of data alyze disaggregated data noolwide audit of ELA/Math/Science cur noolwide audit of daily balanced literacy		5. School based Science lead teacher to analyze school wide science programming, create a school base team, attend and turnaround professional development. 6. Walkthroughs to identify alignment of content to PSSA format.
	 Grade team meetings ar Flexible scheduling supp 	ting agendas focused on "whole child" by a nd PD agendas focused on co-planning incl porting collegial peer visits, Tier II meetings gregated data analysis of program	luding special education, intervention, s	pecialists, etc	7. Multiple measure/ disaggregated data analysis of program 21



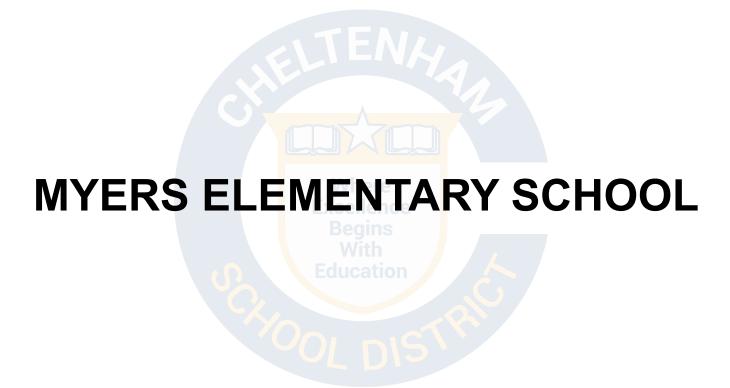


CSD CHELTENHAM GLENSIDE SCHOOL DISTRICT PERFORMA

	3rd Grade PSSA ELA	3rd Grade PSSA Math	4th Grade PSSA ELA	4th Grade PSSA Math	4th Grade PSSA Science
2022-2023 Performance (% Proficient + Advanced)	67%	61%	61% 61%		77%
2023-2024 Target (% Proficient + Advanced)	68.4%	62.1% 63%		63%	78.3%*
Action Plan	4. Block Scheduling 5. MTSS Liaisons loop with grade 6. Evaluate ELA instruction around Vocabulary Acquisition and Use 7. Provide yearlong PD on structured literacy	2. An	alyze multiple measures of data alyze disaggregated data form root cause analysis 4. Block Scheduling 5. MTSS Liaisons loop with grade 6. Evaluate ELA instruction around Text-Dependent Analysis 7. Provide yearlong PD on structured literacy	4. Block Scheduling 5. MTSS Liaisons loop with grade 6. Continue daily math routines 7. Provide yearlong PD on differentiated planning and formative assessment with enVision	4. Introduce K-4 STEEL standards 5. Provide robust STEM instruction through challenge 6. Increase science units of study via 4th grade curriculum

- 8. Differentiated WIN Plans with SMART goals
- 9. Multiple measure/disaggregated data analysis of program





CHELTENHAM | MYERS

SCHOOL DISTRICT PERFORMANCE DATA

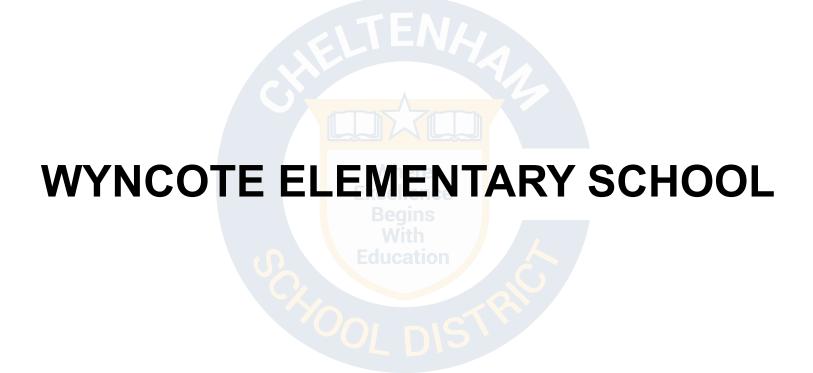
	3rd Grade PSSA ELA	3rd Grade PSSA Math	4th Grade PSSA ELA	4th Grade PSSA Math	4th Grade PSSA Science
2022-2023 Performance (% Proficient + Advanced)	59%	61%	70%	62%	83%
2023-2024 Target (% Proficient + Advanced)	61.2%	62.1%	71.1%	63%	84.4%*

- 1. Analyze multiple measures data
- 2. Analyze disaggregated data

Action Plan

- 3. Teacher PD, feedback, and coaching on small group instruction.
- 4. Revisit best practices for utilization of print instructional resources such as SAS, Wonders, Envision, CBI's. Etc.
- 5. Utilize Grade Team Meetings to support small group instruction progress monitoring & small group instruction
- 6. Increase emphasis on aligning instructional focus of Computer-based Interventions to areas of individual student and unit instructional focus areas.
- 7. Initiate alignment of grade level assessments based upon PA Common Core Standards & grade level expectations.
- 8. Utilization of before/after school tutoring
- 9. Analyze instructional practices related to standards in which students underperformed and revisit lesson planning/assessment
- 10. Multiple measures/ disaggregated data analysis of program.

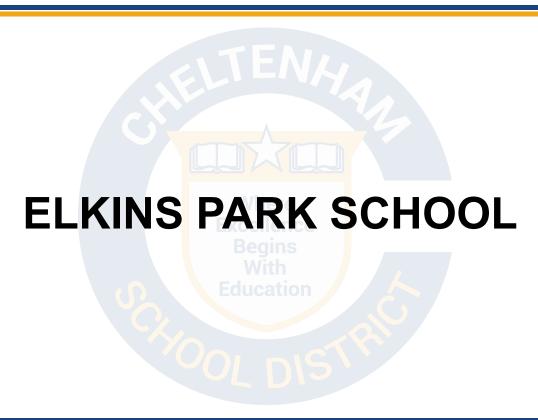




CSD CHELTENHAM WYNCOTE SCHOOL DISTRICT PERFORMA

	3rd Grade PSSA ELA	3rd Grade PSSA Math	4th Grade PSSA ELA	4th Grade PSSA Math	4th Grade PSSA Science
2022-2023 Performance (% Proficient + Advanced)	70%	60%	65%	63%	85%
2023-2024 Target (% Proficient + Advanced)	71.1%	61.2%	66.6%	63.9%	86.4%*
Action Plan	3. Implement curriculum with fidelity to WONDERS resource 4. Ongoing PD with Penn Literacy Network 5. Targeted small group instruction using NSGR 6. Diagnostic use of IXL 7. Targeted intervention during WIN 8. I-Ready Pilot In Special Ed 9. Data review every 2 weeks following selection test; 4 weeks after every theme 10. Data review of Winter CDT 11. Wake Up with Wyncote tutoring		alyze multiple measures of data alyze disaggregated data 3. Implement curriculum with fidelity to WONDERS resource 4. Ongoing PD with Penn Literacy Network 5. Targeted small group instruction using Next Steps Guided Reading 6. Diagnostic use of IXL 7. Targeted intervention during WIN 8. Data review every 2 weeks following selection test; 4 weeks after every theme. 9. Data review of January 24 CDT 10. Wake up With Wyncote tutoring 11. Grade conversation on TDA	3. Implement aligned curriculum with fidelity to enVIsion resource -Small group instruction -Recommended skills 4. Xtra Math (fact fluency) Math Monday 5. Targeted intervention during WIN 6. SAS Portal 7. Lunch Bunch with math interventionist 8. Wake Up with Wyncote tutoring 9. Data review of Winter CDT	3. FOSS Kits for hands-on learning as aligned to standards 4. Science PSSA Coach books 5. Use of online resources including Generation Genius/Mystery Science 6. SAS portal 7. Data analysis of Winter CDT 8. PD on new PA science standards

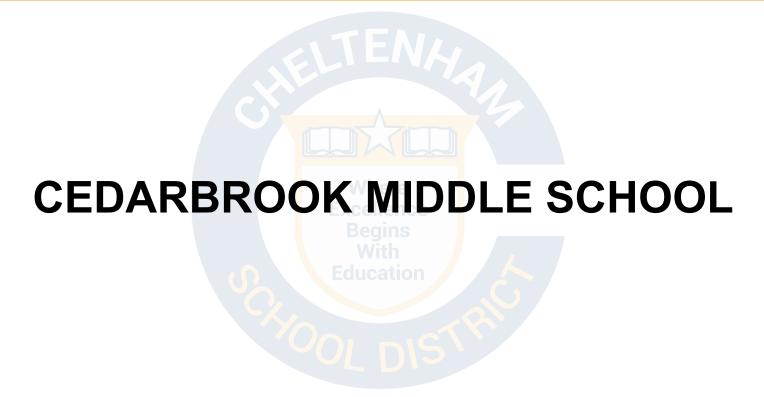




CHELTENHAM | ELKINS PARK SCHOOL DISTRICT

	5th Grade PSSA ELA	5th Grade PSSA Math	6th Grade PSSA ELA	6th Grade PSSA Math
2022-2023 Performance (% Proficient + Advanced)	53%	53% 49%		47%
2023-2024 Target (% Proficient + Advanced)	55.8%	51.3%	61.2%	49.5%
Action Plan	1 1 1 1 1 1 1	8. Content specific PLC on 2:00 early dismiss 9. Peer Tutoring club allows struggling studer 1. Streamlined MTSS process to better inform 2. Identified an academic focus area for ELA 3. Aligned teacher SPM to school-wide growt 4. Built in targeted intervention/extension time 5. Established a new Tiered WIN Instruction	5. Heavy teacher involvement in creating has al a state to get support from peers cort lower tier groups and Math has a for special education and challenge teachers process within the class environment for areas of loore teachers that correlate with cross curricular	f greatest need





CHELTENHAM | CEDARBROOK SCHOOL DISTRICT

	7th Grade PSSA ELA	7th Grade PSSA Math	8th Grade PSSA ELA	8th Grade PSSA Math	8th Grade PSSA Science	Algebra 1 Keystone
2022-2023 Performance (% Proficient + Advanced)	39%	33%	51%	34%	53%	100%
2023-2024 Target (% Proficient + Advanced)	43.2%	36.8%	54%	37.8%	56%	

- 1. Analyze multiple measures of data
- 2. Analyze disaggregated data
- 3. Improved MTSS
- 4. Common assessments
- 5. Restructured Acad Sem
- 6. PLC and Team meetings/review data and plan (note: Science also received PD from the MCIU)
- 7. Small group instruction and WIN intervention and enrichment
- 8. Learning walks
- 9. Increased rigor of assessments to match that of PSSA
- 10. PLN Coaching
- 11. AFA
- 12. Community Org.
- 13. Multiple measure/disaggregated data analysis of program

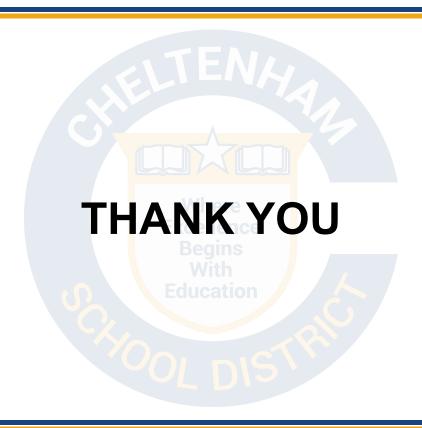




CHELTENHAM HIGH PERFORMANCE DATA

	Algebra 1 Keystone		Biology Keystone	Literature Keystone
2022-2023 Performance (Grade 11 Accountability)	22.4%		29.5%	59.3%
2023-2024 Target (Grade 11 Accountability)	27.3%		34.7%	62.0%
Action Plan	8. IXL	4. 5. 6.	Analyze multiple measures of data Analyze disaggregated data PLC Collaboration Classroom Observations Disaggregated analysis of benchmark assessments to inform instruction MTSS Monitoring & Interventions Lunch & Learn	8. Penn Literacy Coaching
			Final Step: Multiple measure/disaggregated data analysis of	program





APPENDIX 1

GLOSSARY of ACRONYMS

- AFA : Advocacy for All
- CBI: Content Based Instruction
- CDT : Classroom Diagnostic Tool
- ESSA: Every Student Succeeds Act
- IU : Intermediate Unit (Montgomery County)
- MTSS: Multi-Tiered System of Support
- NSGR: Next Steps Guided Reading
- PD : Professional Development
- PLC : Professional Learning Community

- PLN : Penn Literacy Network
- SAS : Standards Aligned System
- SEL : Social Emotional Learning
- SGI : Small Group Instruction
- SMART : Specific Measurable Achievable
 Relevant Time-based
- SPM : Student Performance Measure
- TDA: Text Dependent Analysis
- WIN: What-I-Need

HIGH SCHOOL PERFORMANCE MEASURES

- High school performance measures are a reflection of Keystone Exam scores.
- Regardless of when students take the Keystone, their score is "banked" until they reach grade 11.
- High school performance measures depict the performance of the prior year's grade 11 cohort only.
- The Covid-19 pandemic has, and will continue to, impact the high school performance measures due to the Act 136 waiver.
 - Act 136 of 2020 waived "banked scores" for middle and high school students who would have taken a Keystone Exam in school year 2019-2020, decreasing the count of eligible testers in the cohort of test takers. These test waivers will impact Keystone results reporting through at least 2023-24.
 - Quoted from the PDE media release from 11/08/2023