NORTHERN LEHIGH SCHOOL DISTRICT
2022-2023 ASSESSMENT DATA

PRESENTED BY NLSD ADMINISTRATION

JANUARY 8, 2024

OVERVIEW OF STATE ASSESSMENT SYSTEM

FUTURE READY PA INDEX

- Was first used with 2017-2018 data
- Replaced the School Performance Profile (SPP)
  - Pennsylvanians wanted a more holistic tool for evaluating schools.
  - The Future Ready PA Index recognizes that students – and the schools that serve them – are more than just results on standardized tests. It features a collection of indicators that illustrate academic proficiency, on-track progress, and college and career readiness – helping to demonstrate how schools are doing in preparing students for post secondary success.
  - The Future Ready PA Index's dashboard approach heightens transparency around school and student performance by including data on achievement and growth by student group/subgroup.
  - The Future Ready dashboard is easy to navigate - searchable by district, school, career and technical center, or location; and it includes basic information and demographic data for each school. The Future Ready PA Index also features helpful filters and options to compare multiple schools.

FUTURE READY PA INDEX

- **Statewide Assessments: (ELA/Lit, Math/Alg I, Sci/Bio)**
  - Percent proficient/advanced
  - Meeting annual growth expectations (PVAAS)
  - Percent Advanced
- **On-Track Measures:**
  - English Language Proficiency
  - Regular Attendance
  - Early Indicators of Success
    - 3rd Grade Reading
    - 7th Grade Math
- **College and Career Readiness Measures:**
  - Graduation Rate
  - Career Standards Benchmark
  - Industry Based Learning
  - Advanced on Industry Based Competency Assessment
  - Rigorous Courses of Study
  - Post-Secondary Transition to School, Military, Work

THINGS TO KNOW

- Tested subjects:
  - ELA/Literature – Grades 3-8 & Keystone Trigger Course
  - Math/Algebra I - Grades 3-8 & Keystone Trigger Course
  - Science/Biology – Grades 4, 8 & Keystone Trigger Course
- Performance categories – Below Basic, Basic, Proficient, Advanced
- The state aims to reduce, by half, the statewide percentage of non-proficient students on state assessments by the end of the 2032-2033 school year
- Interim Targets – Goals that were established by dividing the 2033 numeric goals by 16, representing the 16 years from 17-18 to 32-33.
- You will see colors of red, green, blue

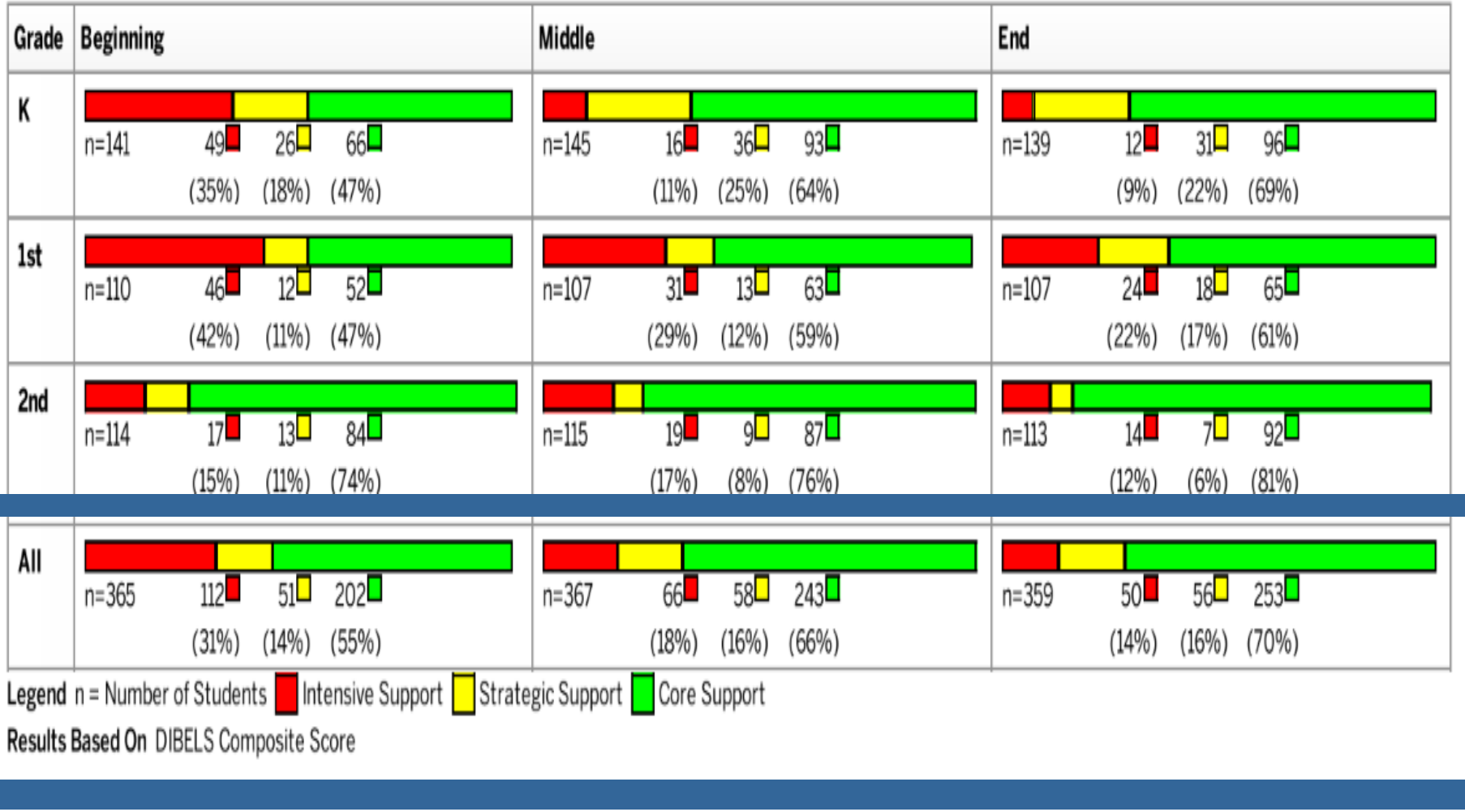
GRADUATION PATHWAYS

- Act 158 of 2018
- Starting with the Class of 2023 students must graduate under one of the five graduation pathways
  - Keystone Proficiency Pathway
    - Proficient or Advanced on each of the three Keystone Exams
  - Keystone Composite Pathway
    - At least one Keystone Exam scaled score is 1500 or greater
    - No Keystone Exam Score is Below Basic
    - 3-score composite = 4452 or greater
    - 2-score composite = 2939 or greater (for pandemic non-numeric proficient)
  - CTE Concentrator
  - Alternative Assessment
  - Evidence Based Pathway

2022-2023 DATA

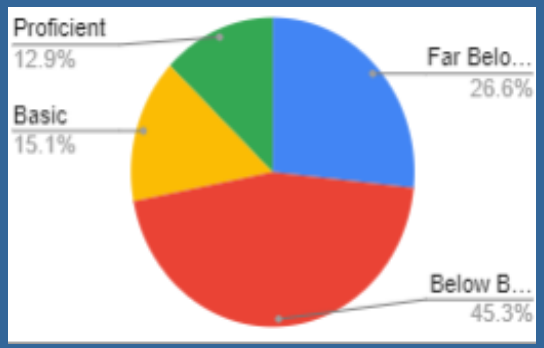
PETERS ELEMENTARY SCHOOL (GRADES K-2)

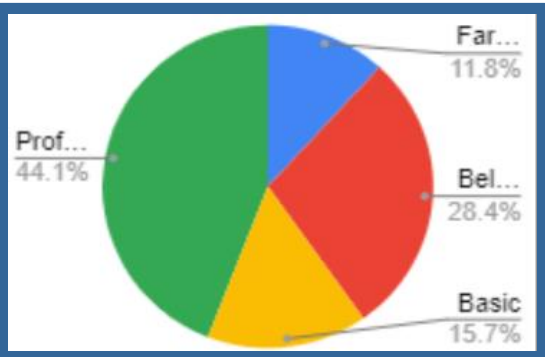
PES – ACADIENCE READING

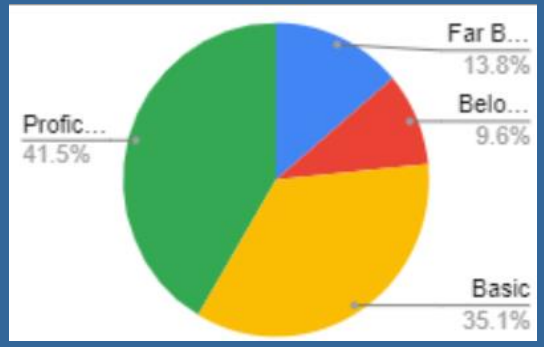


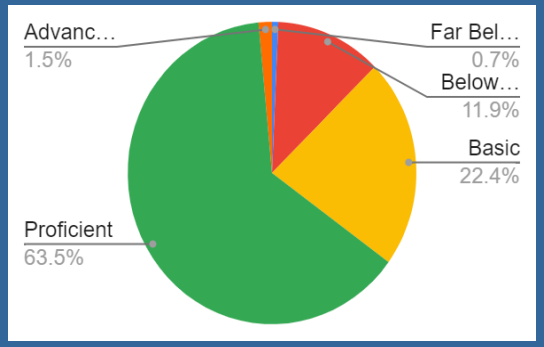
PES – IMAGINE MATH

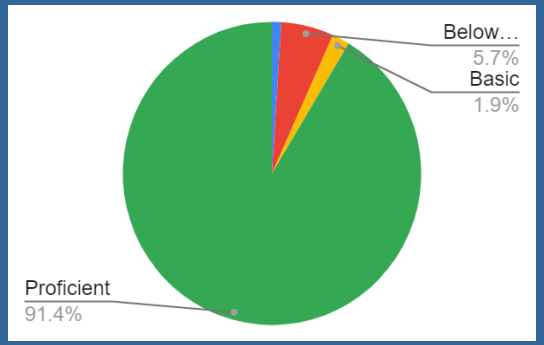
KINDERGARTEN	1ST GRADE	2ND GRADE

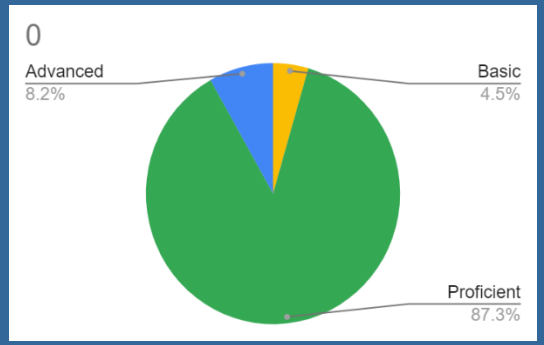












Advanced
Proficient

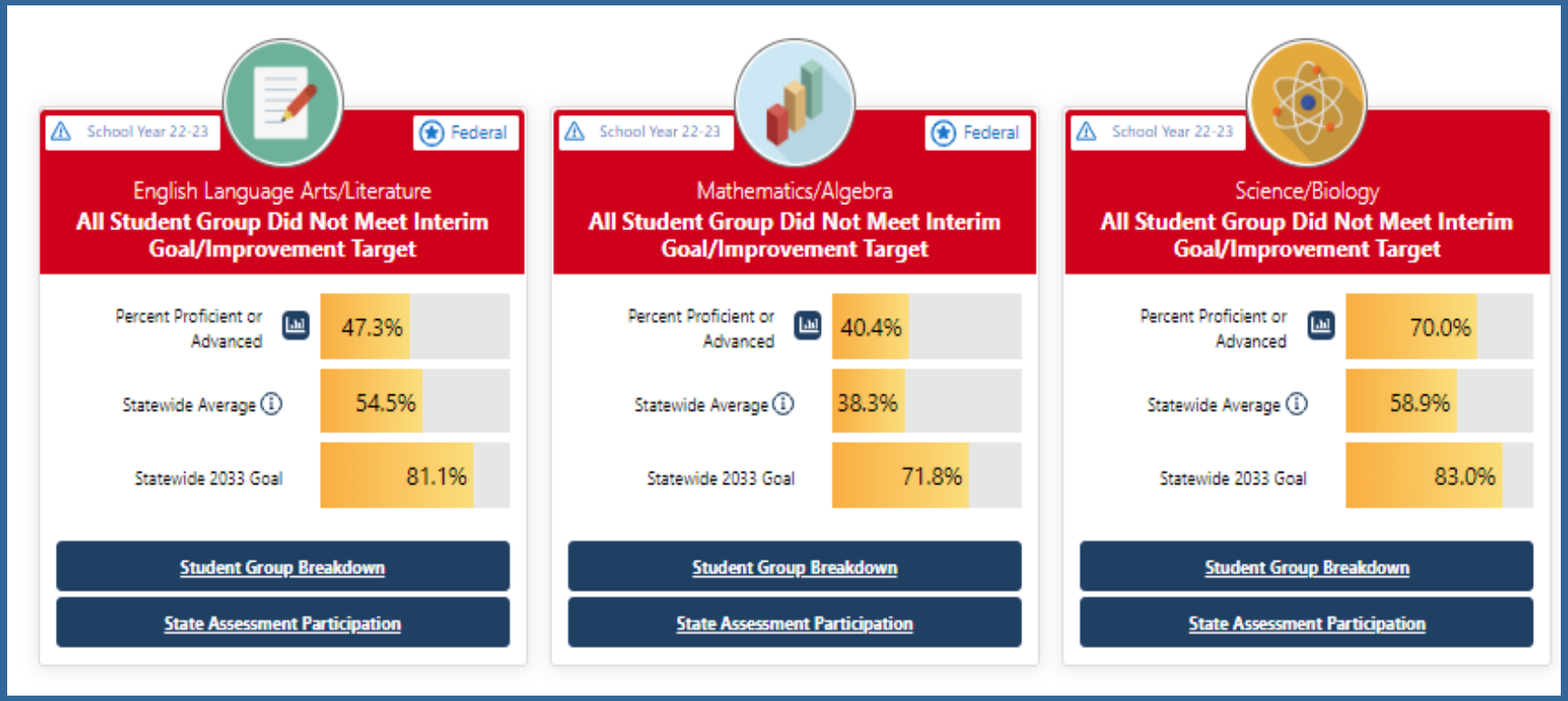
Basic
Below Basic
Far Below Basic

FOCUS AT PETERS

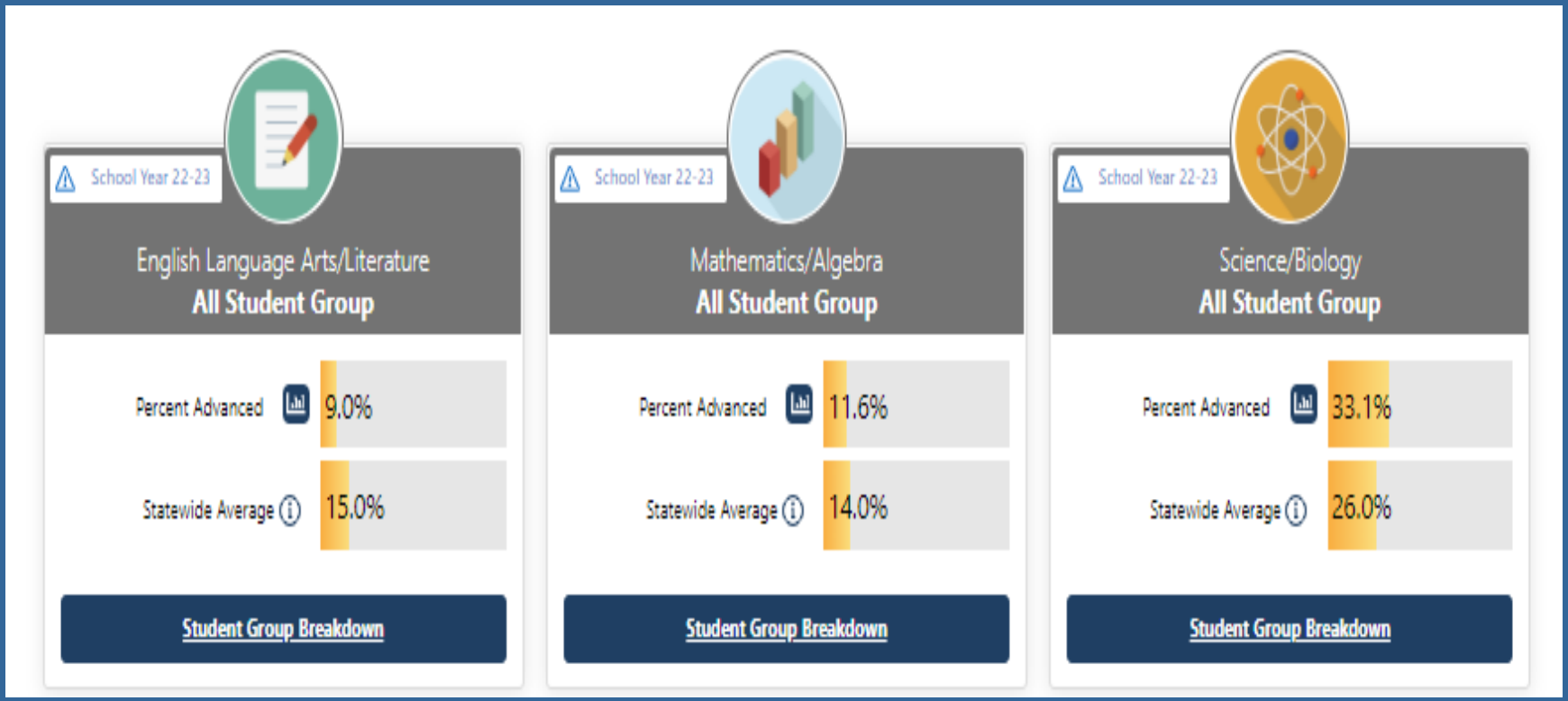
- ELA
  - Reviewing our Tier I ELA program in grades K-5 to determine whether a new Tier I program will benefit our students.
  - Continued training is Science of Reading based strategies for classroom intervention.
- Math
  - This year's data marks the 3rd full year of implementation of the Eureka Math Curriculum.
  - The use of the WIN period to address math intervention along with reading intervention.
- Science
  - STEELS Standards alignment
  - "Science Days" at Peters Elementary School
- SEL
  - Implementing the Second Step program for explicit instruction in a Tier I framework.
  - Partnering with outside organizations - Center for Humanistic Change and Valley Youth House - for Tier II and Tier III small group instruction
  - Working during our Act 80 days to utilize PASS/Renaissance data at the classroom level.
- Other
  - Family/Community Engagement via Family Engagement Meetings

SLATINGTON ELEMENTARY SCHOOL GRADES 3-6

SES – FUTURE READY - ACHIEVEMENT



SES – FUTURE READY – ACHIEVEMENT - ADV



SES–PSSA&PASA-ELA–ACHIEVEMENT

PSSA/MATH	Advanced	Proficient	Basic	Below Basic	A+P
3rd Grade	5%	44%	41%	10%	49.1% (PA 54.0%)
4th Grade	13%	29%	35%	23%	42.2% (PA 51.8%)
5th Grade	3%	46%	36%	16%	48.5% (PA 53.7%)
6th Grade	14%	39%	42%	5%	53.2% (PA 55.6%)

Overall 2023 ELA:

- 48.1% at SE were Adv/Prof [GR 3-6]
- 53.8% in PA were Adv/Prof [Gr 3-6]

Historical:

- 51.0% at SE were Adv/Prof 2022
- 50.5% at SE were Adv/Prof 2021
- N/A at SE were Adv/Prof 2020
- 63.7% at SE were Adv/Prof 2019

SES – PSSA&PASA-MATH – ACHIEVEMENT

PSSA/ELA	Advanced	Proficient	Basic	Below Basic	A+P
3rd Grade	15%	25%	38%	22%	40.0% (PA 51.7%)
4th Grade	13%	33%	34%	21%	45.3% (PA 46.5%)
5th Grade	5%	30%	37%	28%	35.0% (PA 42.8%)
6th Grade	13%	28%	33%	27%	40.4% (PA 36.5%)

Overall 2023 Math:

- 40.3% at SE were Adv/Prof {Gr 3-6]
- 44.6% in PA were Adv/Prof [Gr 3-6]

Historical:

- 34.2% at SE were Adv/Prof 2022
- 26.7% at SE were Adv/Prof 2021
- N/A at SE were Adv/Prof 2020
- 47.6% at SE were Adv/Prof 2019

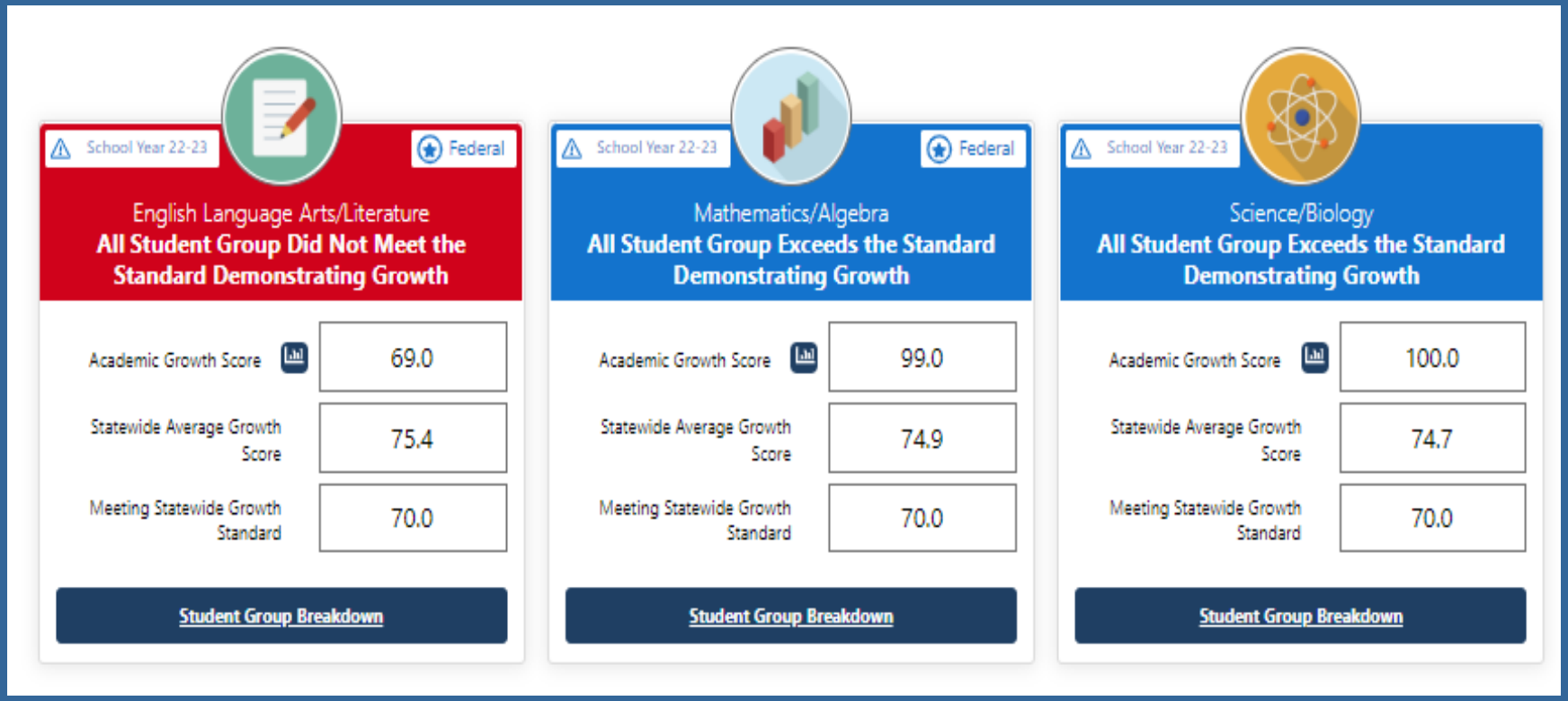
SES – PSSA&PASA-SCIENCE-ACHIEVEMENT

PSSA/SCI	Advanced	Proficient	Basic	Below Basic	A+P
4th Grade	34%	37%	24%	5%	70.3% (PA 74.2%)

Historical:

- 77.0% at SE were Adv/Prof 2022
- 71.3% at SE were Adv/Prof 2021
- N/A at SE were Adv/Prof 2020
- 79.2% at SE were Adv/Prof 2019

SES – FUTURE READY - GROWTH



SES - PSSA – ELA – GROWTH

Subject	Year	Grade	Growth Color Indicator	Growth Index	Effect Size	Growth Measure	Standard Error	Student Count
PSSA English Language Arts - 4-8	2023	4	Meets	-0.09	-0.01	-0.1	1.0	128
		5	Well Below	-2.87	-0.27	-3.4	1.2	101
		6	Above	1.24	0.11	1.4	1.1	109
		Across Grades	Below	-1.06	-0.06	-0.7	0.6	338

Well Above	Significant evidence that the school exceeded the growth standard.
Above	Moderate evidence that the school exceeded the growth standard.
Meets	Evidence that the school met the growth standard.
Below	Moderate evidence that the school did not meet the growth standard.
Well Below	Significant evidence that the school did not meet the growth standard.

SES - PSSA – MATH – GROWTH

Subject	Year	Grade	Growth Color Indicator	Growth Index	Effect Size	Growth Measure	Standard Error	Student Count
PSSA Math - 4-8	2023	4	Well Above	4.96	0.41	4.8	1.0	128
		5	Well Below	-2.79	-0.27	-3.2	1.1	99
		6	Well Above	3.42	0.31	3.7	1.1	109
		Across Grades	Well Above	2.90	0.15	1.8	0.6	336

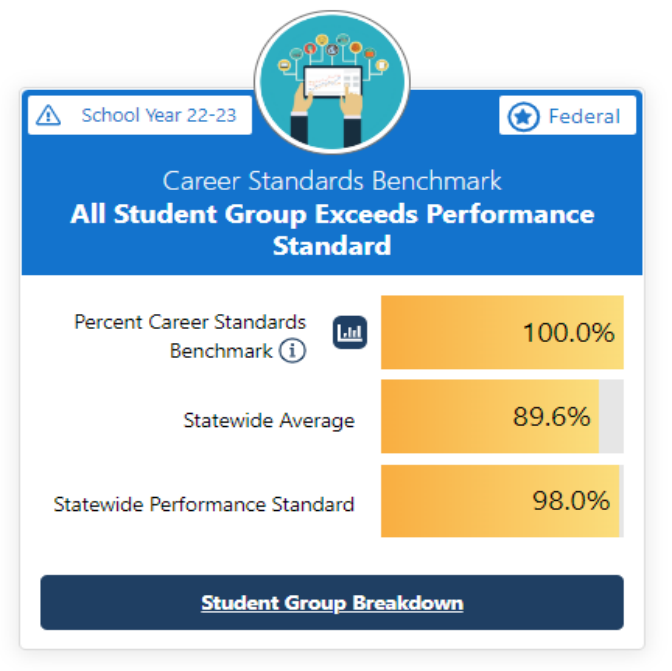
Well Above	Significant evidence that the school exceeded the growth standard.
Above	Moderate evidence that the school exceeded the growth standard.
Meets	Evidence that the school met the growth standard.
Below	Moderate evidence that the school did not meet the growth standard.
Well Below	Significant evidence that the school did not meet the growth standard.

SES - PSSA – SCI – GROWTH

Subject	Year	Grade	Growth Color Indicator	Growth Index	Effect Size	Growth Measure	Standard Error	Student Count
PSSA Science - 4,8	2023	4	Well Above	3.01	0.25	26.7	8.9	123

Well Above	Significant evidence that the school exceeded the growth standard.
Above	Moderate evidence that the school exceeded the growth standard.
Meets	Evidence that the school met the growth standard.
Below	Moderate evidence that the school did not meet the growth standard.
Well Below	Significant evidence that the school did not meet the growth standard.

SES – COLLEGE AND CAREER READINESS



SES – BUILDING SCORE

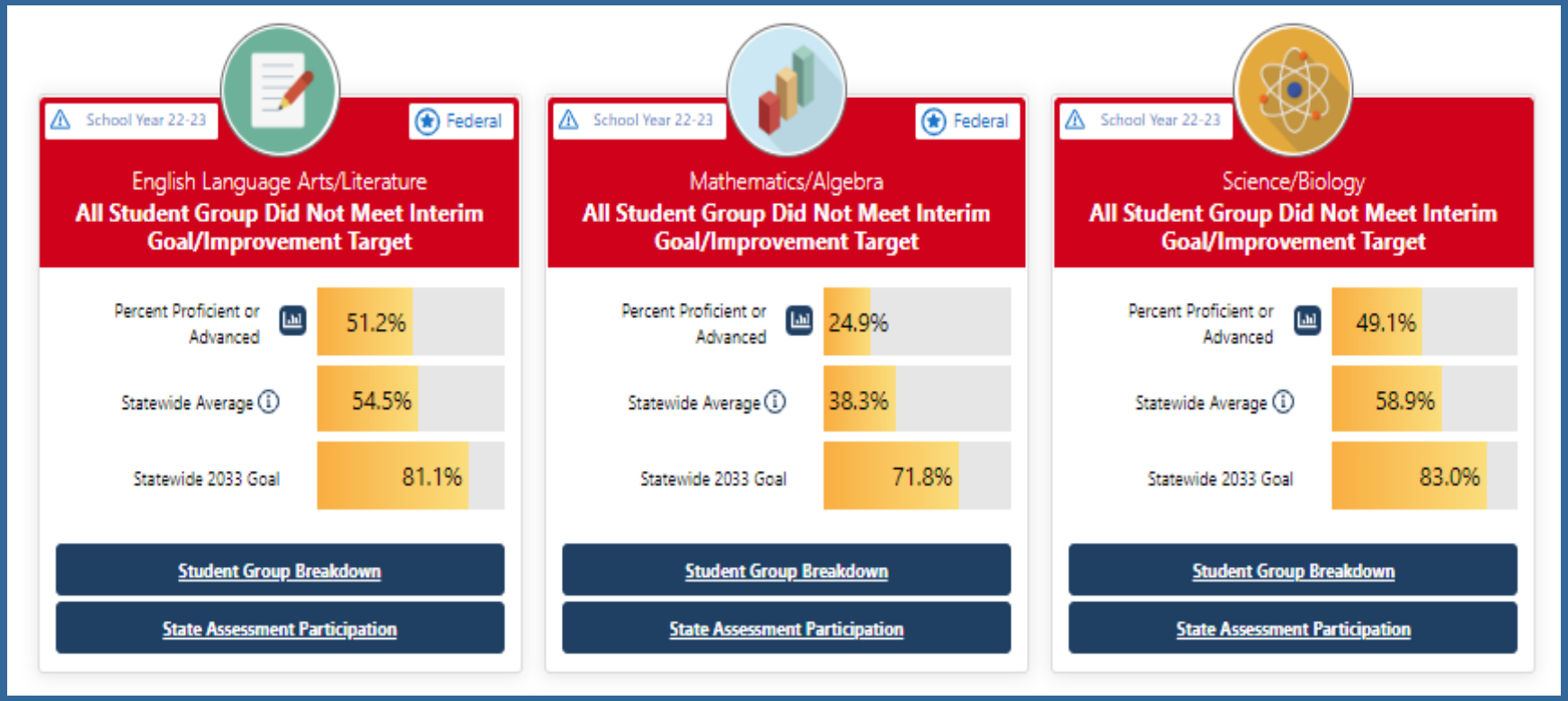
2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023
66.3	61.7	62.7			78.1	76.4

FOCUS AT SLATINGTON

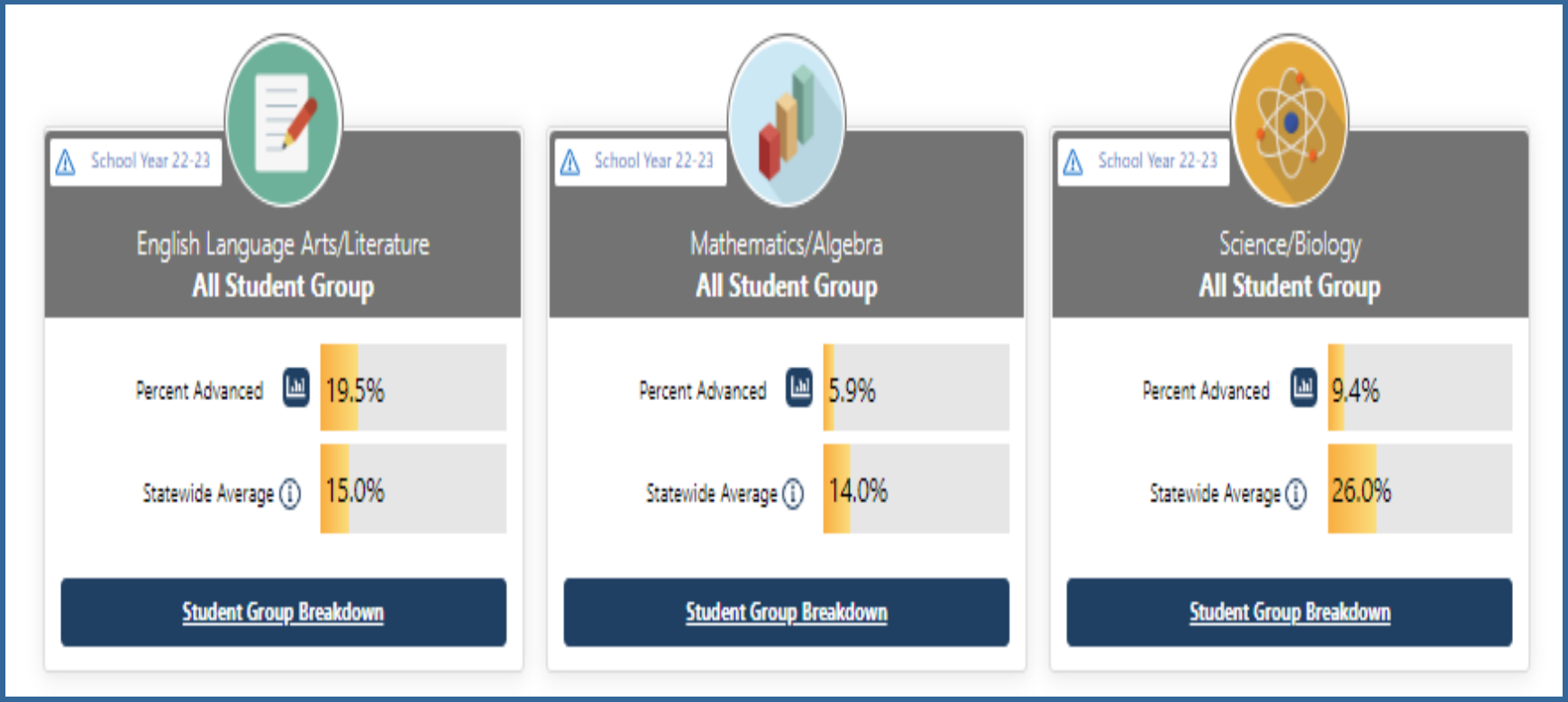
- ELA
  - Reviewing our Tier I ELA program in grades K-6 to determine whether a new Tier I program will benefit our students
    - Focus on increased writing, reading of authentic texts, increased reading integration, and alignment of assessments strategies K-6
  - Examining additional reading intervention structures
  - Training in the Science of Reading based strategies in the classroom
  - Incorporation of IXL in ELA WIN blocks
- Math
  - Alignment of differentiated instructional strategies in Tier I delivery
  - Alignment and reduction of instructional delivery methods throughout the grade levels so that we are all speaking the same language
  - Incorporation of IXL in Math WIN blocks
- Science
  - Continuing curriculum review and alignment process to PA STEELS Standards.
  - Reviewing instructional practices related new standards through work with district Science STEELS Coach
- SEL
  - Second Step, Zones of Regulation, SWPBS, Data Analysis through PASS assessment
- Other
  - Focus on Increasing Parental Involvement improved communication

NORTHERN LEHIGH MIDDLE SCHOOL
GRADES 7-8

MS – FUTURE READY - ACHIEVEMENT



MS – FUTURE READY – ACHIEVEMENT - ADV



MS - PSSA&PASA – ELA – ACHIEVEMENT

PSSA/ELA	Advanced	Proficient	Basic	Below Basic	A+P
7th Grade	27%	33%	35%	5%	60.0% (PA 54.5%)
8th Grade	12%	30%	37%	20%	42.9% (PA 52.7%)

Overall 2023 ELA:

- 51.2% at MS were Adv/Prof [Gr 7-8]
- 53.7% in PA were Adv/Prof [Gr 7-8]

Historical:

- 47.9% at MS were Adv/Prof 2022
- 43.9% at MS were Adv/Prof 2021
- N/A at MS were Adv/Prof 2020
- 50.2% at MS were Adv/Prof 2019

MS - PSSA&PASA - MATH – ACHIEVEMENT

PSSA/MATH	Advanced	Proficient	Basic	Below Basic	A+P
7th Grade	11%	30%	23%	36%	41.0% (PA 33.2%)
8th Grade	1%	9%	34%	56%	9.5% (PA 26.1%)

Overall 2023 Math:

- 24.9% at MS were Adv/Prof [Gr 7-8]
- 29.7% in PA were Adv/Prof [Gr 7-8]

Historical:

- 12.3% at MS were Adv/Prof 2022
- 15.3% at MS were Adv/Prof 2021
- N/A at MS were Adv/Prof 2020
- 27.7% at MS were Adv/Prof 2019

MS – KEYSTONE – ALG I – ACHIEVEMENT

KEYSTONE	Advanced	Proficient	Basic	Below Basic	A+P
ALG I	23.7%	52.6%	23.7%	0.0%	76.3% (PA 36.9%)

Historical:

- 83.8% at MS were Adv/Prof 2022
- 57.6% at MS were Adv/Prof 2021
- N/Aat MS were Adv/Prof 2020
- 90.4% at MS were Adv/Prof 2019

* These Keystone scores will be banked until the students are in 11th grade (2026) *

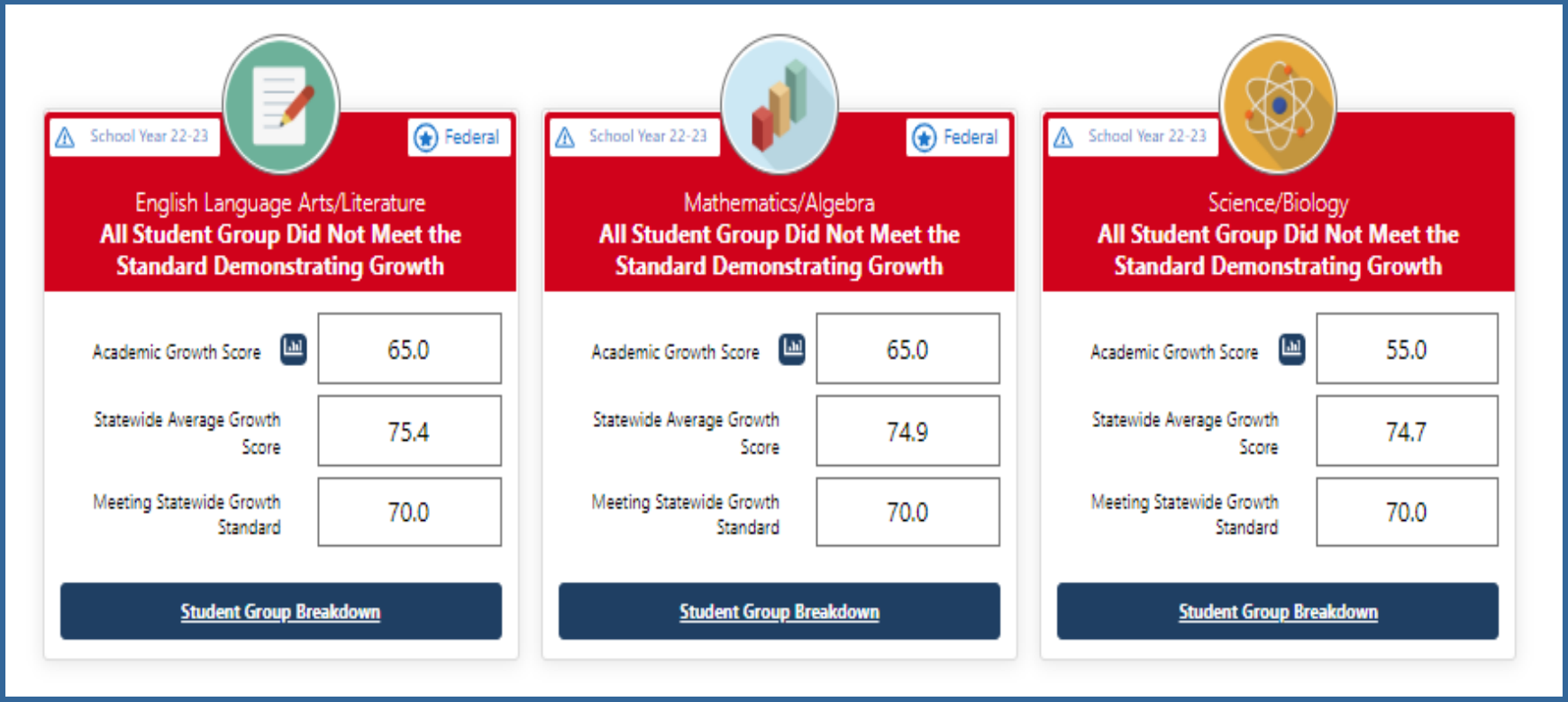
MS - PSSA&PASA - SCIENCE - ACHIEVEMENT

PSSA/SCI	Advanced	Proficient	Basic	Below Basic	A+P
8th Grade	10%	40%	25%	25%	50.0% (PA 57.0%)

Historical:

- 33.6% at MS were Adv/Prof 2022
- 44.3% at MS were Adv/Prof 2021
- N/A at MS were Adv/Prof 2020
- 48.4% at MS were Adv/Prof 2019

MS – FUTURE READY - GROWTH



MS - PSSA - ELA – GROWTH

Subject	Year	Grade	Growth Color Indicator	Growth Index	Effect Size	Growth Measure	Standard Error	Student Count
PSSA English Language Arts - 4-8	2023	7	Meets	-0.78	-0.08	-1.0	1.2	99
		8	Below	-1.21	-0.12	-1.4	1.2	105
		Across Grades	Below	-1.41	-0.10	-1.2	0.8	204

Well Above	Significant evidence that the school exceeded the growth standard.
Above	Moderate evidence that the school exceeded the growth standard.
Meets	Evidence that the school met the growth standard.
Below	Moderate evidence that the school did not meet the growth standard.
Well Below	Significant evidence that the school did not meet the growth standard.

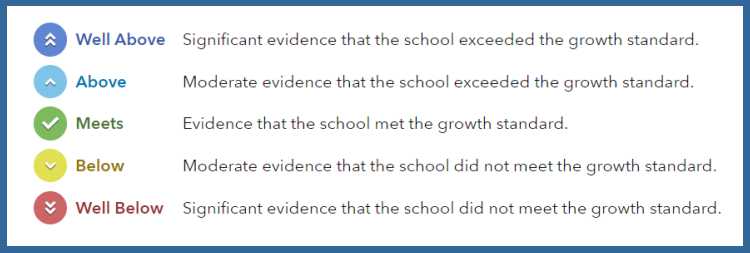
MS - PSSA - MATH – GROWTH

Subject	← Year	← Grade	Growth Color Indicator	Growth Index	Effect Size	Growth Measure	Standard Error	Student Count
PSSA Math - 4-8	2023	7	Below	-1.19	-0.12	-1.4	1.2	98
		8	Well Below	-4.10	-0.40	-5.0	1.2	105
		Across Grades	Well Below	-3.76	-0.26	-3.2	0.9	203

Well Above	Significant evidence that the school exceeded the growth standard.
Above	Moderate evidence that the school exceeded the growth standard.
Meets	Evidence that the school met the growth standard.
Below	Moderate evidence that the school did not meet the growth standard.
Well Below	Significant evidence that the school did not meet the growth standard.

MS - KEYSTONE – ALG I – GROWTH

Subject	Year	Grade	Growth Color Indicator	Growth Index	Effect Size	Growth Measure	Standard Error
Keystone Algebra I	2023	N/A	Well Above	2.55	0.38	11.2	4.4

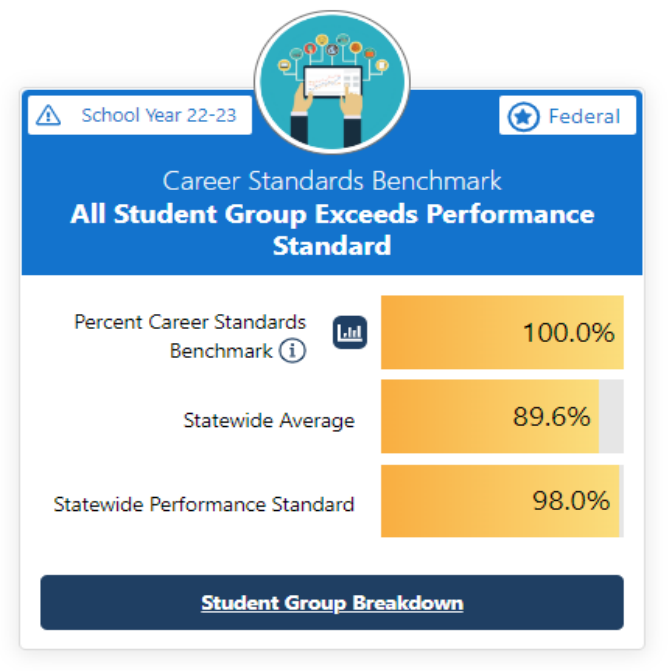


MS - PSSA - SCI – GROWTH

Subject	Year	Grade	Growth Color Indicator	Growth Index	Effect Size	Growth Measure	Standard Error	Student Count
PSSA Science - 4,8	2023	8	Well Below	-2.44	-0.22	-24.9	10.2	97

Well Above	Significant evidence that the school exceeded the growth standard.
Above	Moderate evidence that the school exceeded the growth standard.
Meets	Evidence that the school met the growth standard.
Below	Moderate evidence that the school did not meet the growth standard.
Well Below	Significant evidence that the school did not meet the growth standard.

MS – COLLEGE AND CAREER READINESS



MS – BUILDING SCORE

2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023
57.5	58.0	60.1			60.9	61.9

FOCUS AT THE MS

- ELA
  - Emphasis on Literacy Strategies during in-service days and faculty meetings.
  - Enrichment and Remediation Classes
  - Curriculum revision / text selection presently happening.
- Math
  - “Mathematize Our School” Plan
  - Enrichment and Remediation Classes
- Science
  - Enrichment Classes
  - Common Assessments and Learning Materials
  - New Science Standards (STEELS) Training
- SEL
  - INSPIRE Program’s PBIS Component
  - Tiered Instruction of Essential Skills: Goal Setting, Teamwork, Perseverance, Agility and Leadership
- Other:
  - Master Schedule Refinement
  - Multi-tiered System of Supports (MTSS)
  - Continue partnership with CFES

NORTHERN LEHIGH HIGH SCHOOL (9-12)

HS – KEYSTONE – LIT – ACHIEVEMENT

KEYSTONE	Advanced	Proficient	Basic	Below Basic	A+P
Trigger Course (1ST Time Testers in 22-23)	8.5%	37.6%	35.9%	17.9%	46.2%

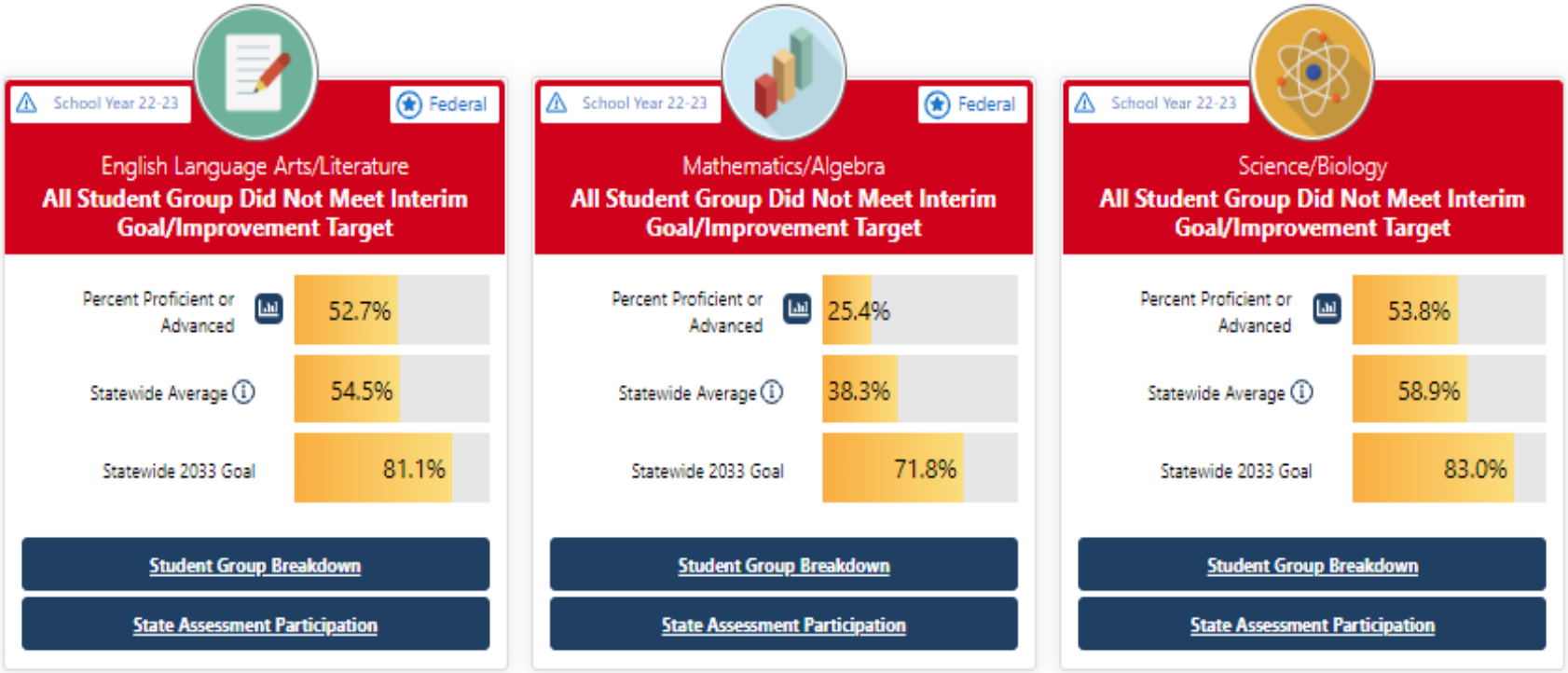
HS – KEYSTONE – ALG I – ACHIEVEMENT

KEYSTONE	Advanced	Proficient	Basic	Below Basic	A+P
Trigger Course (1ST Time Testers in 22-23)	6.6%	15.8%	51.3%	26.3%	22.4%

HS – KEYSTONE – BIO – ACHIEVEMENT

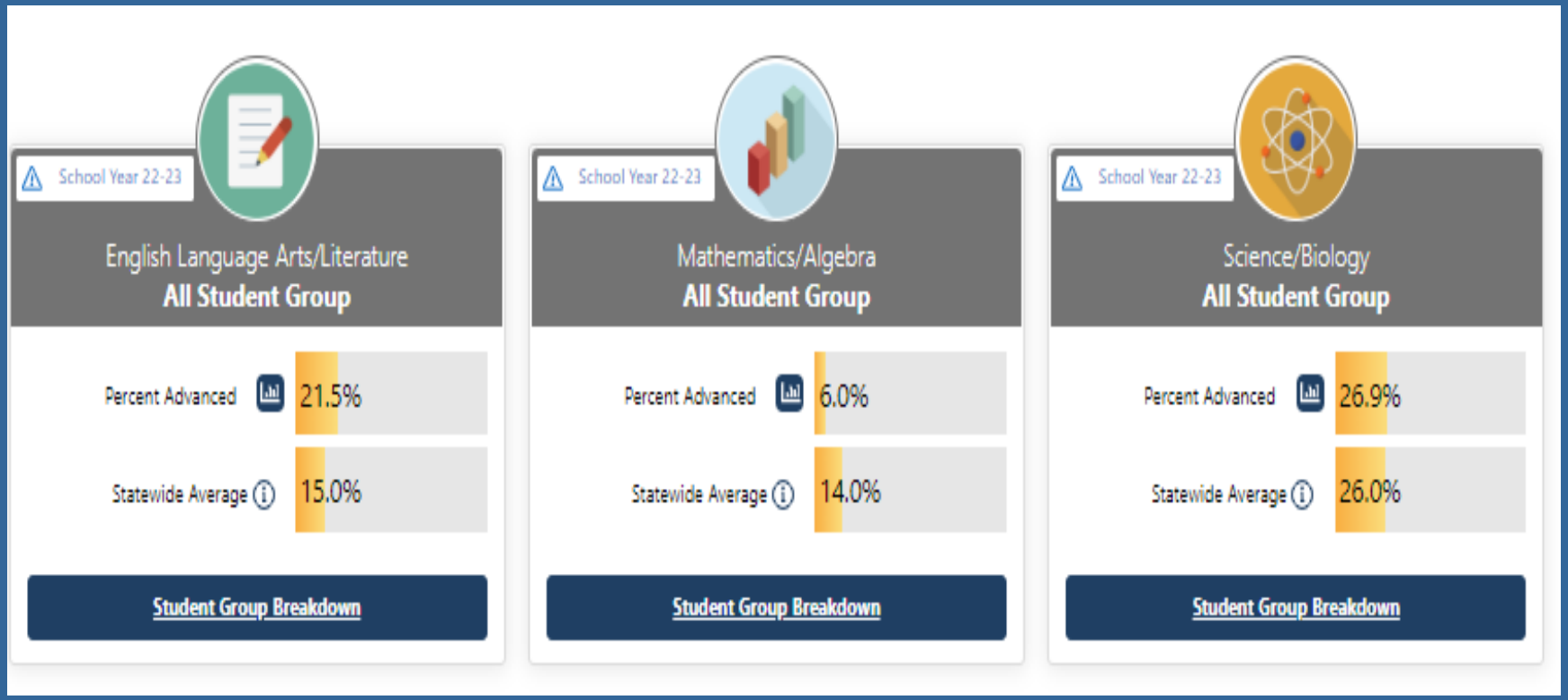
KEYSTONE	Advanced	Proficient	Basic	Below Basic	A+P
Trigger Course (1ST Time Testers in 22-23)	13.6%	29.1%	29.1%	28.2%	42.7%

HS – FUTURE READY - ACHIEVEMENT

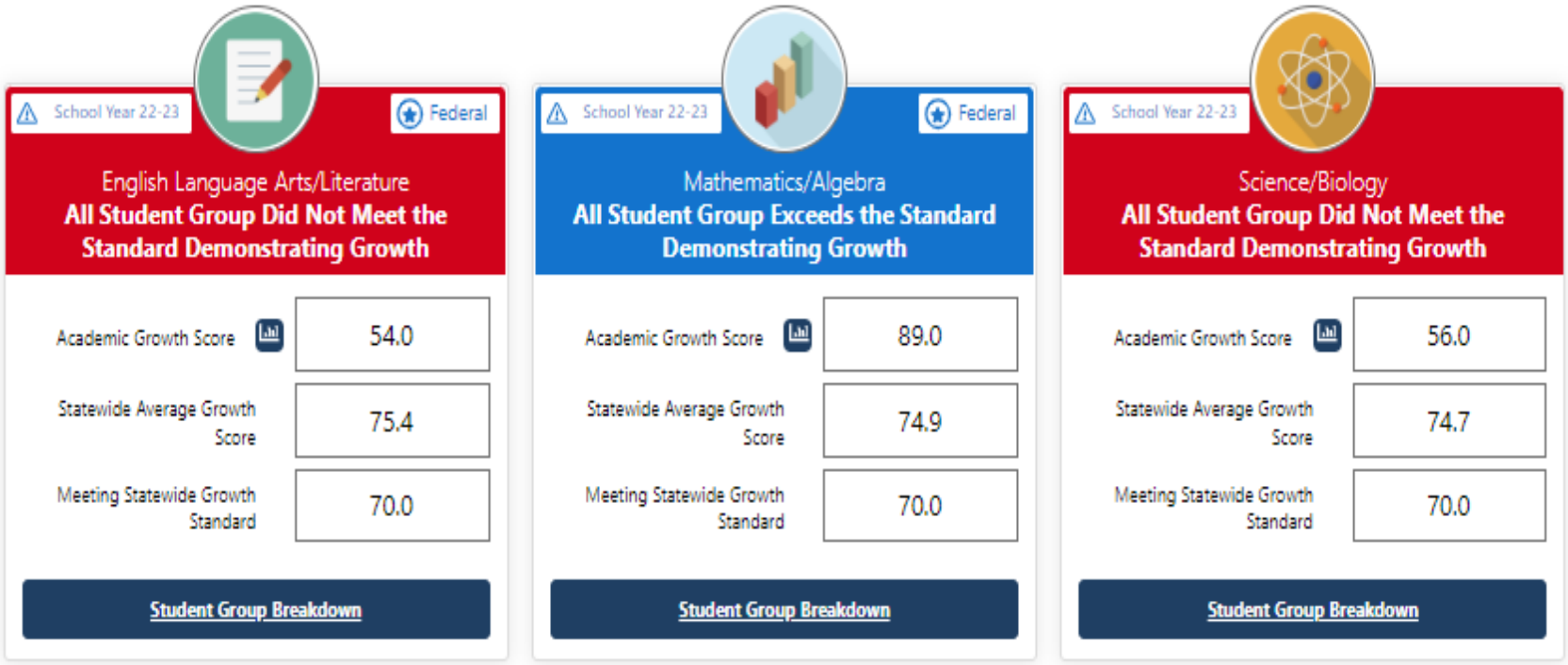


Historical Lit:	Historical Alg I:	Historical Bio:
21-22 51.4%	21-22 45.5%	21-22 47.7%
20-21 IS	20-21 62.1%	20-21 IS
19-20 63.3%	19-20 60.2%	19-20 63.9%

HS – FUTURE READY – ACHIEVEMENT - ADV



HS – FUTURE READY - GROWTH



HS – KEYSTONE – LIT– GROWTH

Subject	Year	Grade	Growth Color Indicator	Growth Index	Effect Size	Growth Measure	Standard Error
Keystone Literature	2023	N/A	Well Below	-2.59	-0.22	-7.1	2.8

Well Above	Significant evidence that the school exceeded the growth standard.
Above	Moderate evidence that the school exceeded the growth standard.
Meets	Evidence that the school met the growth standard.
Below	Moderate evidence that the school did not meet the growth standard.
Well Below	Significant evidence that the school did not meet the growth standard.

HS – KEYSTONE – ALG I – GROWTH

Subject	Year	Grade	Growth Color Indicator	Growth Index	Effect Size	Growth Measure	Standard Error
Keystone Algebra I	2023	N/A	Above	1.96	0.19	5.5	2.8

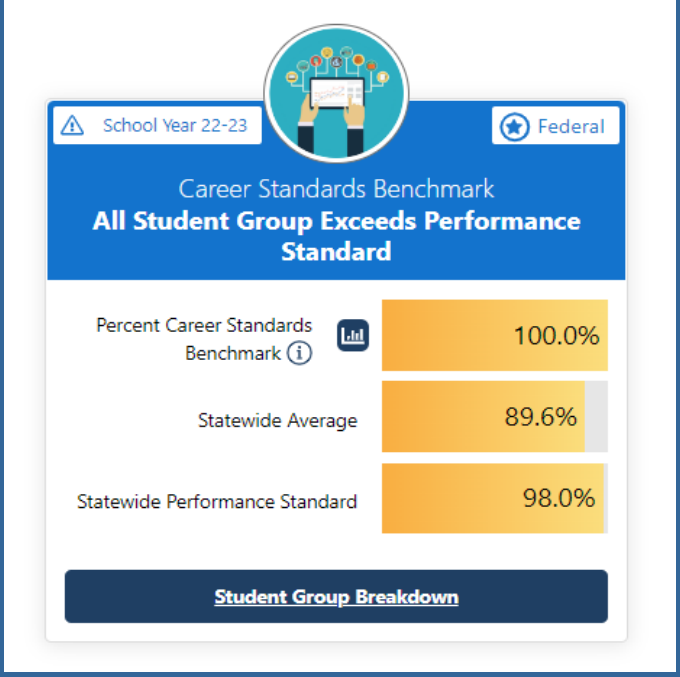
Well Above	Significant evidence that the school exceeded the growth standard.
Above	Moderate evidence that the school exceeded the growth standard.
Meets	Evidence that the school met the growth standard.
Below	Moderate evidence that the school did not meet the growth standard.
Well Below	Significant evidence that the school did not meet the growth standard.

HS – KEYSTONE –BIO – GROWTH

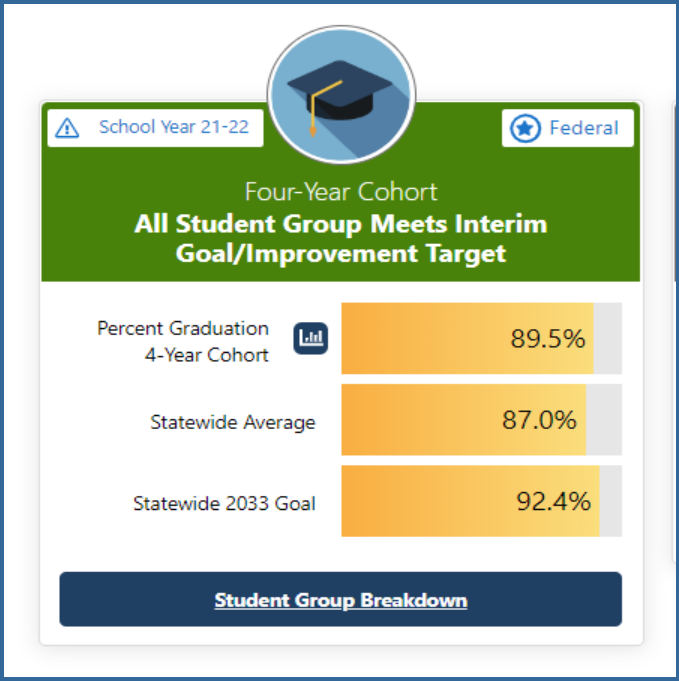
Subject	Year	Grade	Growth Color Indicator	Growth Index	Effect Size	Growth Measure	Standard Error
Keystone Biology	2023	N/A	Well Below	-2.40	-0.21	-6.1	2.6

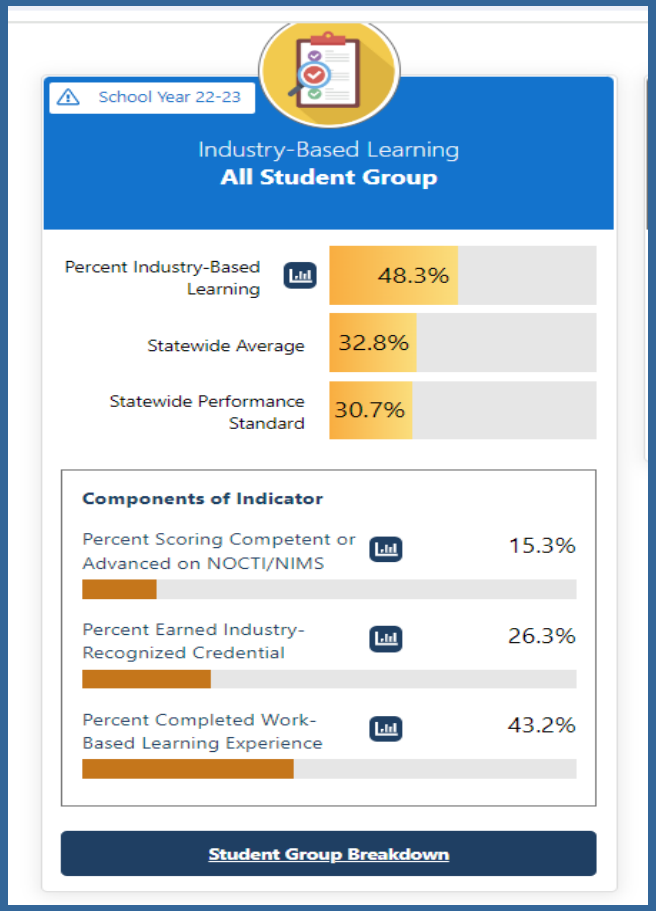
Well Above	Significant evidence that the school exceeded the growth standard.
Above	Moderate evidence that the school exceeded the growth standard.
Meets	Evidence that the school met the growth standard.
Below	Moderate evidence that the school did not meet the growth standard.
Well Below	Significant evidence that the school did not meet the growth standard.

HS – COLLEGE AND CAREER READINESS



HS – COLLEGE AND CAREER READINESS





HS – BUILDING SCORE

2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023
79.2	82.8	78.7			73.4	63.9

HS – AP RESULTS

SUB/#/SCORE	CALC (AB)	LANG/COMP	LIT/COMP	US HIST	EU HIST
# Tested	5	12	4	16	6
Avg Score	3.4	3.3	3.5	2.9	3.2
Score > 3	80%	83%	100%	63%	83%

SUB/#/SCORE	TOTALS
# Tested	43
Avg Score	3.1
Score > 3	77%

HS – SAT RESULTS

2022 SAT	EWR	MATH	TOTAL
2022 Average (29 students)	574	540	1078*

2022 National Avg = 1060
2022 PA Avg = 1091

2023 SAT	EWR	MATH	TOTAL
2023 Average (34 students)	557	628	1086*

2023 National Avg = 1028
2023 PA Avg = 1078

- EBR = Evidence Based Reading *
- Scores are for graduating senior cohort

FOCUS AT THE HS

- ELA
  - Designated time allotted for IXL remediation, practice, and goal-setting
  - Focus on bell-to-bell instruction within block as well as engagement strategies
  - Creation of consistent curriculum pacing guides/year at a glance documents
- Math
  - Designated time allotted for IXL remediation, practice, and goal-setting
  - Focus on bell-to-bell instruction within block as well as engagement strategies
  - Creation of consistent curriculum pacing guides/year at a glance documents
- Science
  - Pilot of Miller and Levine resource, CDT implementation
  - Focus on bell-to-bell instruction within block as well as engagement strategies
  - Creation of consistent curriculum pacing guides/year at a glance documents
- SEL
  - PBIS Nominations and Celebrations
  - Essential Skills: Goal Setting, Teamwork, Perseverance, Agility and Leadership embedded in daily teaching and learning
- Other
  - Master Schedule - High performing districts research, meetings, and visits
  - Plan a “WIN” period wrapped around lunches (Lunch and Learn model)
  - Multi-tiered System of Supports (MTSS) via Child Study Team
  - Continue to strengthen CFES

HISTORICALLY UNDERPERFORMING POPULATIONS

DISTRICT WIDE ECONOMICALLY DISADVANTAGED ACHIEVEMENT ON PSSA/KEYSTONE

- SE

ELA	Math	Sci
37.6% ↑	25.7% ↑	60.3% ↓

- MS

ELA	Math/Alg I	Sci
39.4% ↑	18.0% ↑	30.6% ↑

- HS

Lit	Alg I	Bio
44.2% ↑	16.7% ↓	39.5% ↑

DISTRICT WIDE ENGLISH LEARNERS

- WIDA / ACCESS for ELLs Assessment
  - 57 students completed the WIDA in grades K-12 during January – February 2023
  - Lowest score = 1.0 (Newcomer)
  - Highest score = 5.4
  - Average scores:
    - Peters = 2.7
    - Slatington = 3.5
    - MS = 2.5
    - HS =2.3
    - District-Wide = 2.8

DISTRICT WIDE
SPECIAL EDUCATION
PASA + PSSA + KEYSTONE

- State allows 1% of all students to take the PASA

- 2018-2019
  - 17 Students
  - 1.9% through a waiver
- 2019-2020
  - 14 Students
  - 1.5% through a waiver
- 2020-2021
  - 10 Students
  - 1.1% through a waiver
- 2021-2022
  - 9 Students
  - .96%
- 2022-2023
  - 17 Students
  - 1.8% through a waiver

DISTRICT WIDE SPECIAL EDUCATION ACHIEVEMENT ON PSSA/KEYSTONE

- SE

ELA	Math	Sci
15.4% ↑	18.9% ↑	24.0% ↓

- MS

ELA	Math/Alg I	Sci
8.3% ↓	2.8% ↑	19.0% ↑

- HS

Lit	Alg I	Bio
10.0% ●	5.3% ↑	10.0% ↓

FOCUS – HISTORICALLY UNDERPERFORMING

- Economically Disadvantaged
  - Title I SWP at Elementary Schools
  - Dual Enrollment Grant at HS
- Special Education
  - Partnering with Centennial
  - Increasing Emotional supports and services
  - Professional Development for Read 180/System 44
- Multi-Lingual Learners
  - Hired additional staff to meet growing needs of ELDP
  - Focus on PD and strategies to address learning needs of students, especially newcomers
  - Engage families in educational program and through Adult ESL classes

QUESTIONS/COMMENTS