

CURRICULUM UPDATE: Analyzing Student Achievement

September 27, 2023



WHAT WE'RE DOING:

- Reviewing data, identifying deficiencies, and aligning instruction to meet the learning needs of students.
- Focusing on improving student achievement to meet our POG goals.
- Helping our teachers improve delivery of instruction.
- Aligning our instructional practices to help struggling students succeed and pushing high achieving students to new levels.

Portrait of the Graduate

East Windsor Public Schools



Informed Life-Long Learners

Curious
Motivated
Problem-Solvers
Open-Minded
Critical Thinkers



Self-Aware Individuals

Healthy Decision Makers
Resilient
Reflective
Socially-Emotionally Aware



Responsible Citizens

Civic Contributors
Clear Communicators
Culturally & Ethically Aware



East Windsor Graduates are Informed Life Long
Learners, Responsible Citizens & Self Aware Individuals

HOW WE'RE DOING IT:

Instructional Walkthroughs

The Problem

- East Windsor Students are not consistently meeting grade level standards as assessed by state and national assessments

The Solution

- We have identified research-based high leverage teaching practices designed to help students learn.
- Ongoing professional development is building the capacity of teachers
- Our teachers are implementing instructional strategies
- Our students are engaging in rigorous learning experiences and student achievement is beginning to increase.



HOW THIS SUPPORTS OUR STRATEGIC PLAN:

Goal: Expand POG approach to all grades.

Strategy 1: Address K-12 curriculum needs

Performance indicators:

- Curriculum maps completed
- Instructional audits completed
- Data review completed
- Learning Plans created



HOW THIS SUPPORTS OUR STRATEGIC PLAN:

Goal: Expand POG approach to all grades.

Strategy 3: Continue implementing research based instructional practices.

Performance indicators:

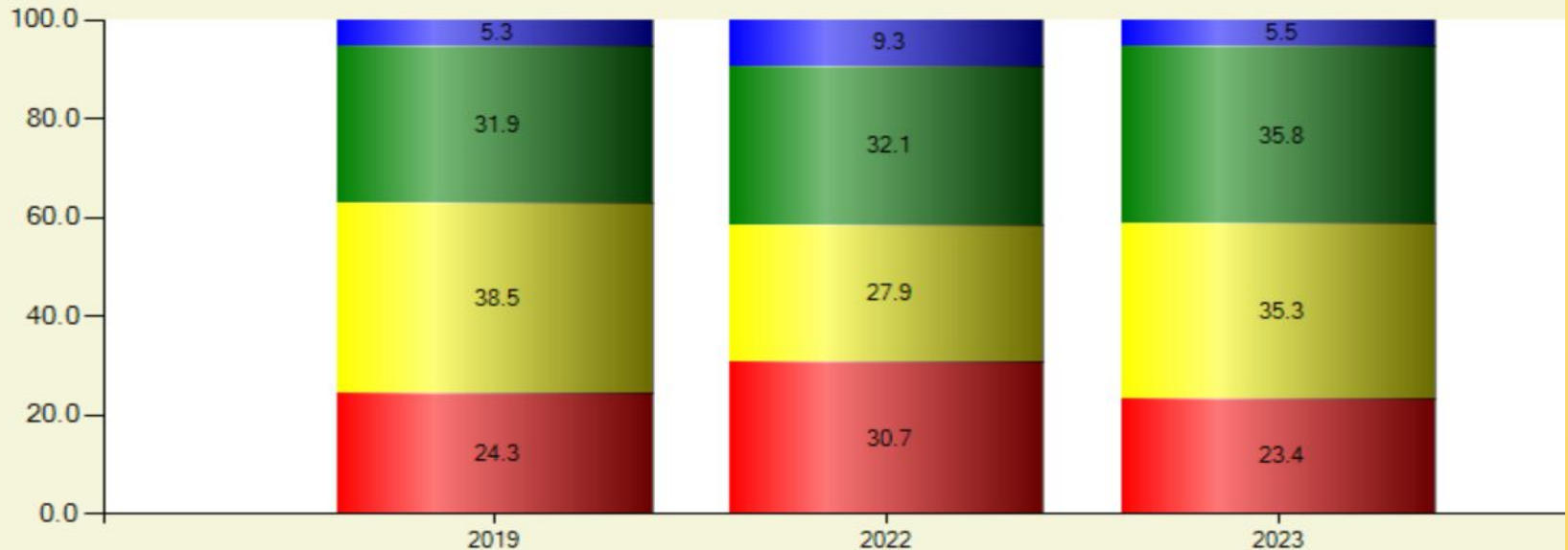
- Identify building based areas of need
- Provide PD on instructional strategies
- Conduct classroom walkthroughs
- Implement data review cycle
- Provide coaching to teachers based on walkthroughs



HOW WE'RE USING DATA

SBA 2022-2023 NGSS - Science

Exceeds Meets Approaching Does Not Meet



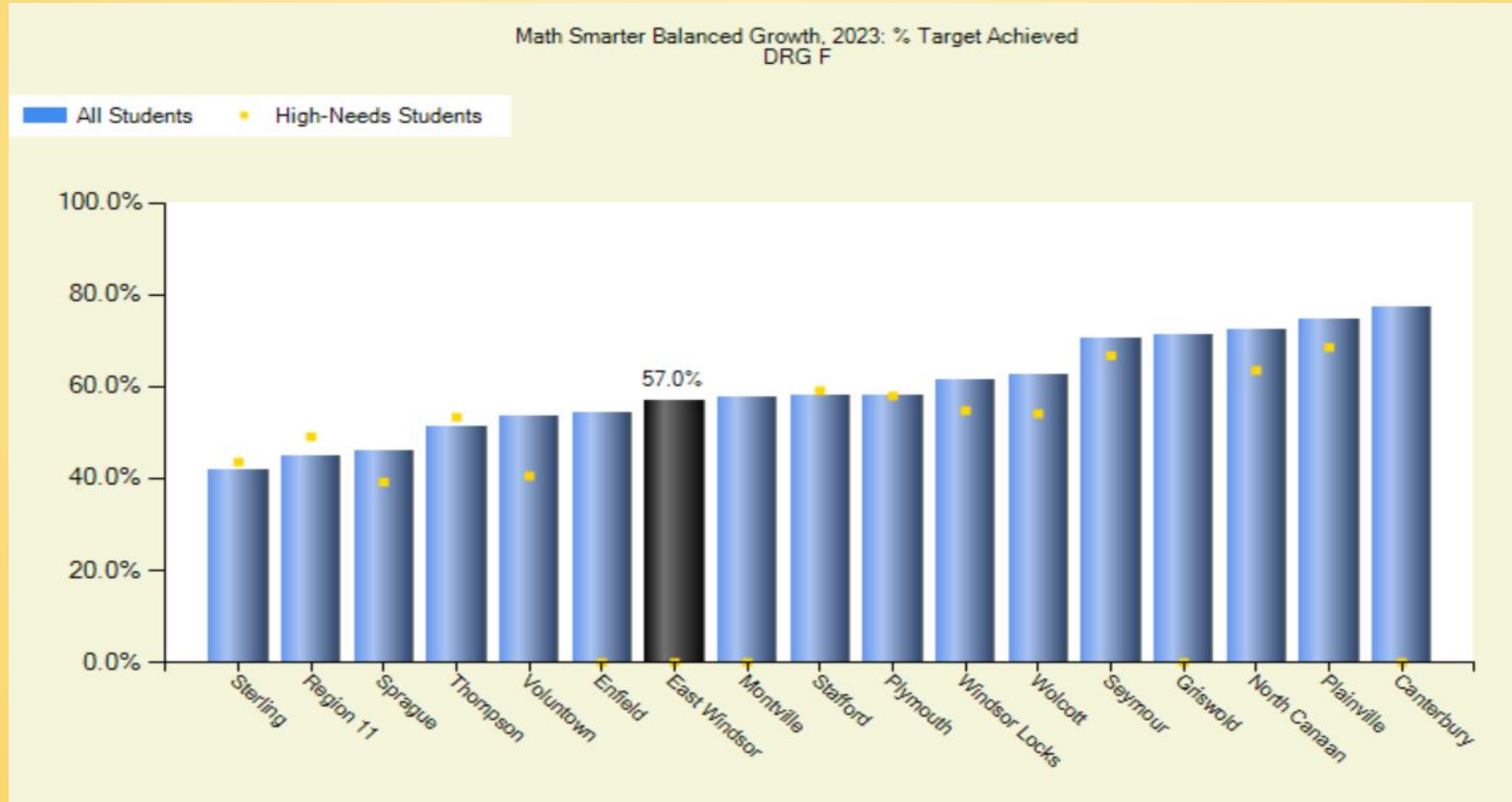
HOW WE'RE USING DATA

SAT - ELA and Math 2022-2023



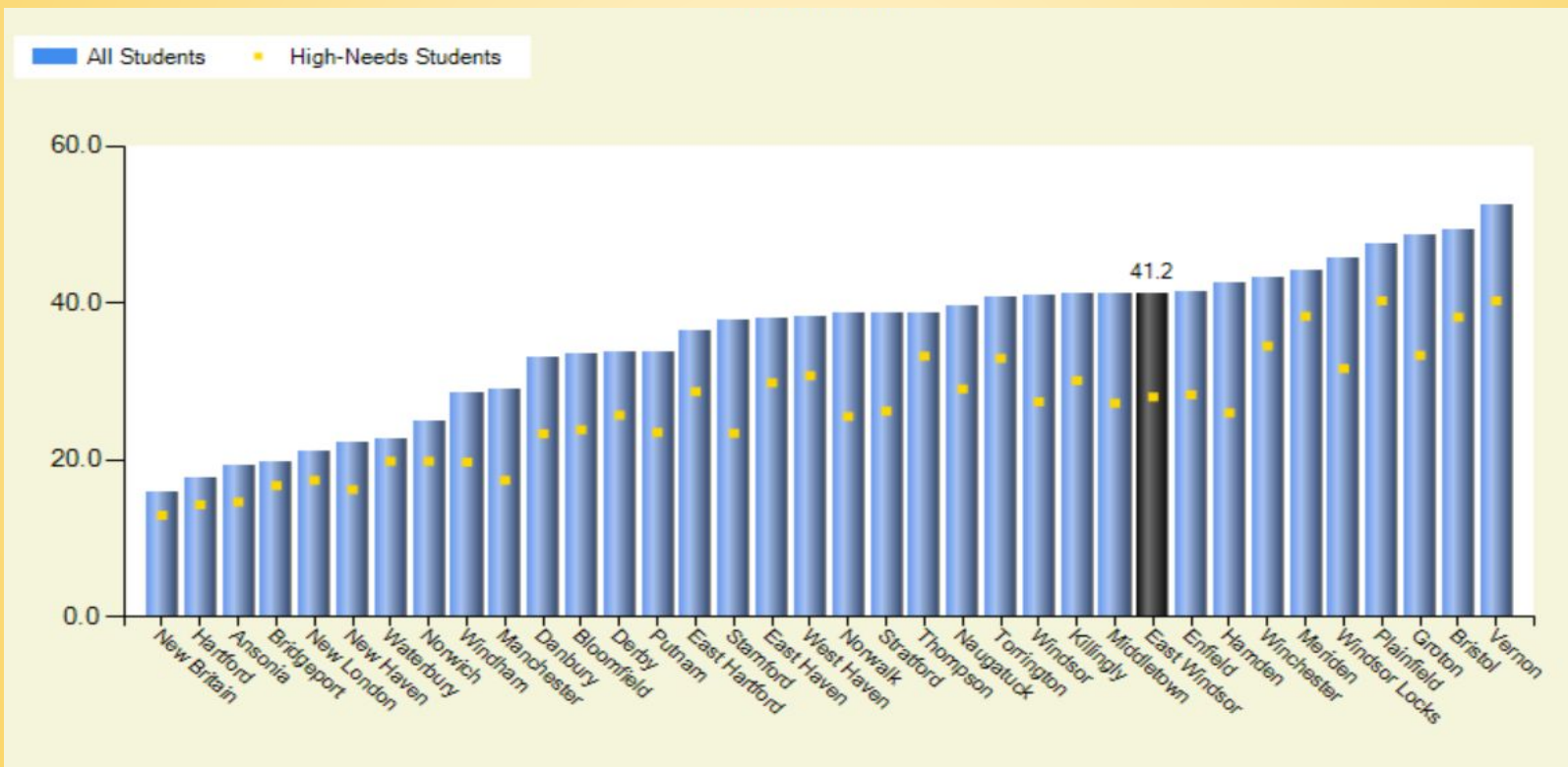
HOW WE'RE USING DATA

District Reference Group 2022-2023 - SBA Math Growth



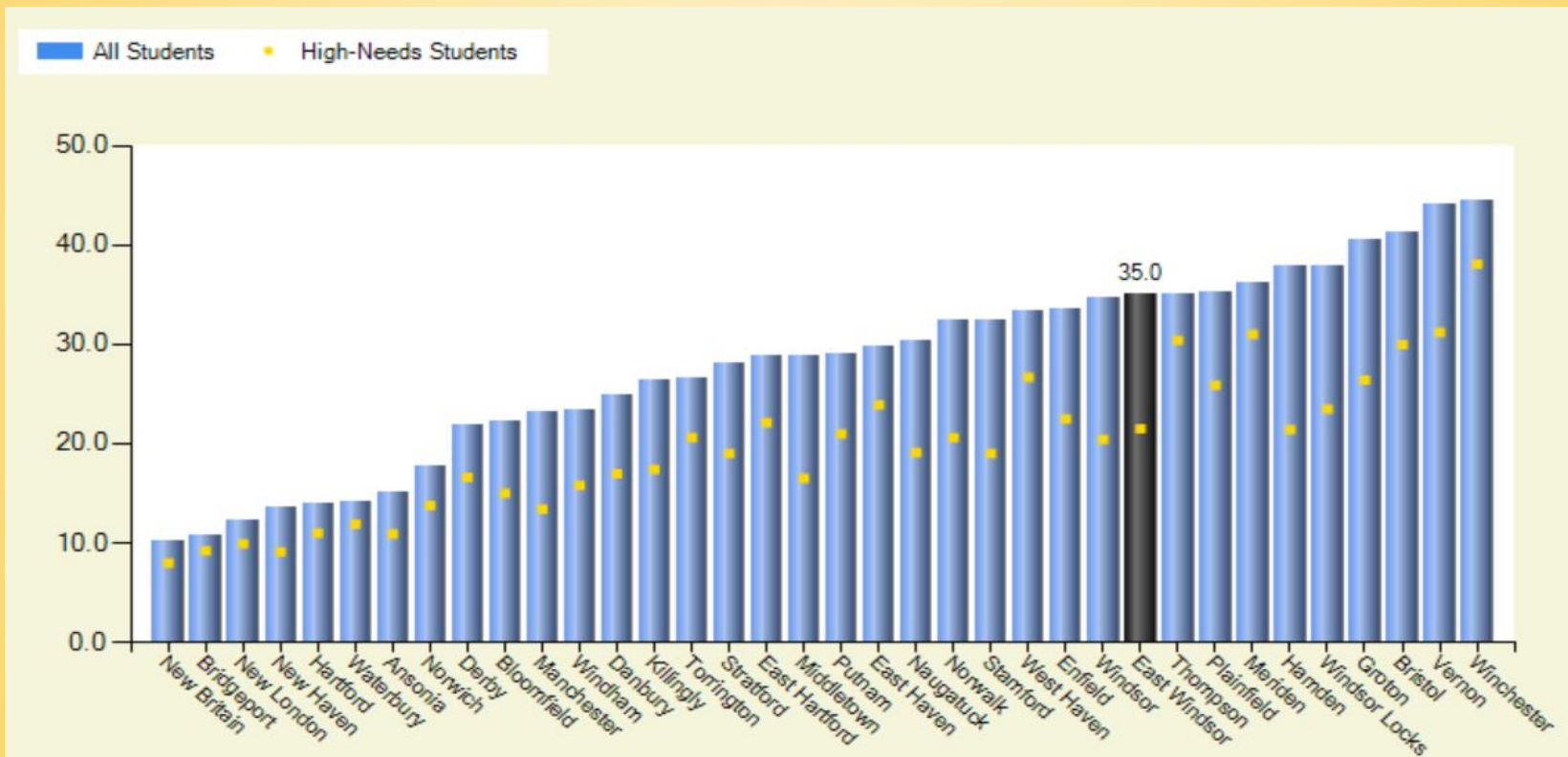
HOW WE'RE USING DATA

Alliance District - 2022-2023 - ELA



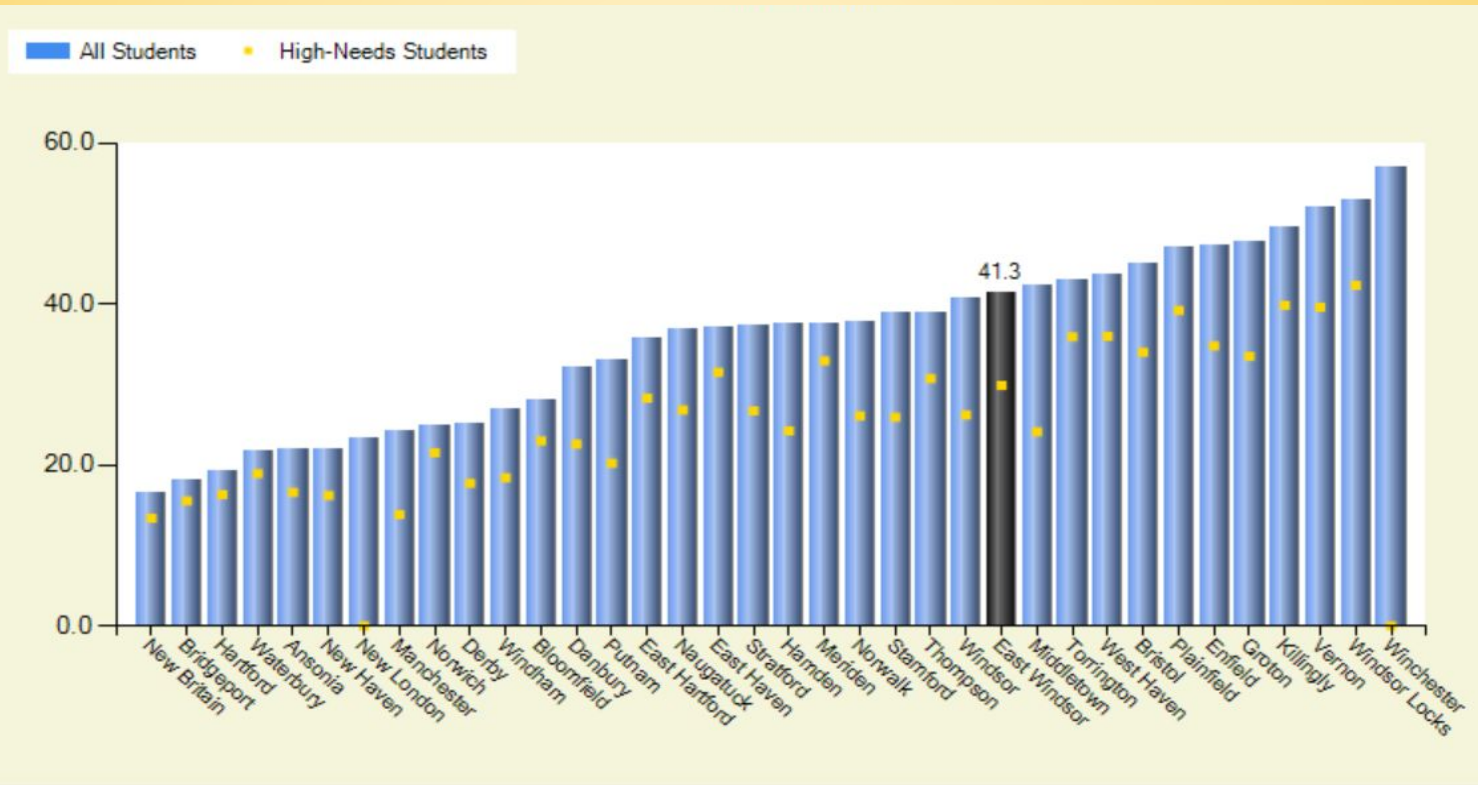
HOW WE'RE USING DATA

Alliance District - 2022-2023 - Math



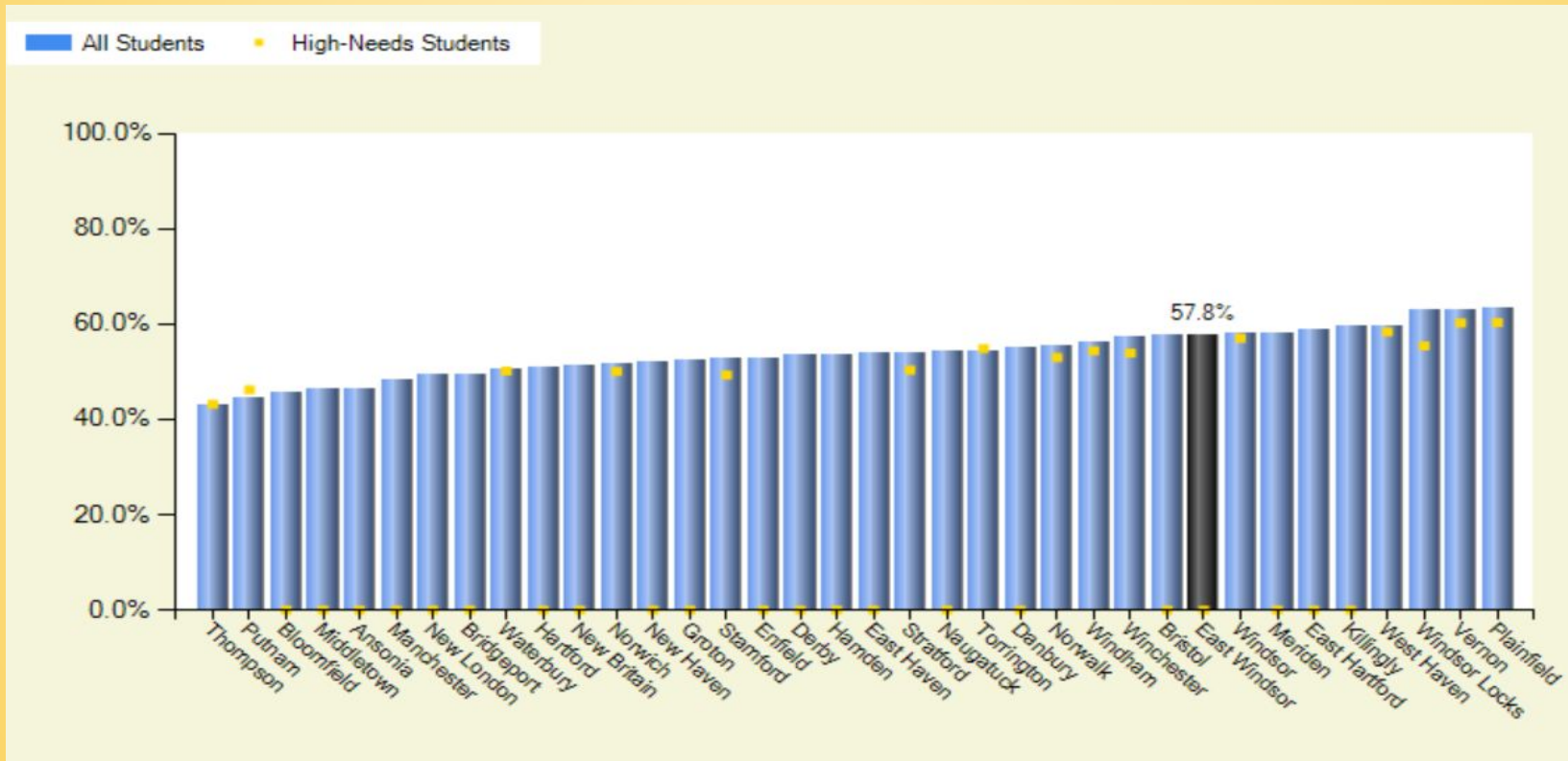
HOW WE'RE USING DATA

Alliance District - 2022-2023 - Science



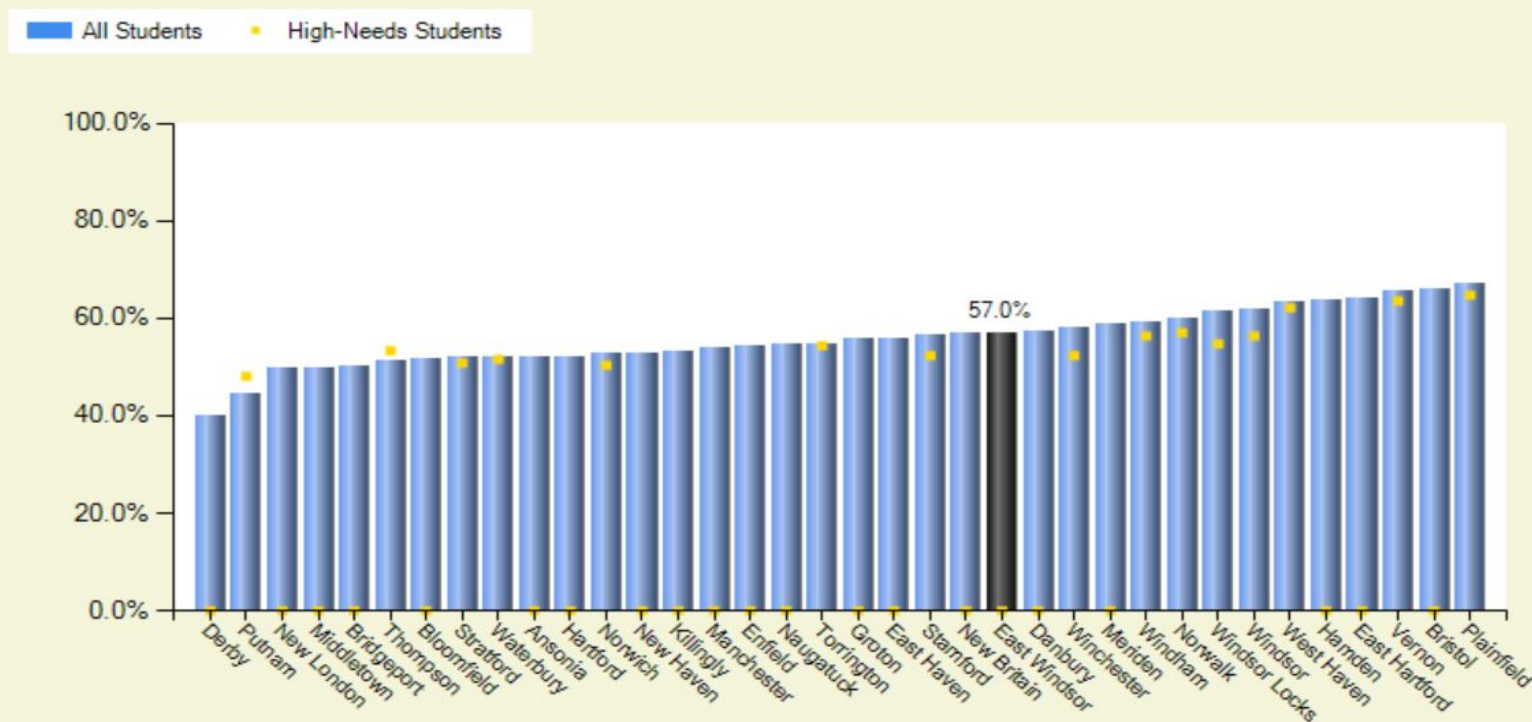
HOW WE'RE USING DATA

Alliance District - 2022-2023 - ELA Growth



HOW WE'RE USING DATA

Alliance District -2022-2023 - Math Growth



2021 - 2023 English Performance Trends

- Percentage of students achieving a 3 or 4 on sba increased from 39% to 41% or (2 students)
- Percentage of students who did not meet goal has decreased from 40% to 30% (30 students)

All K-8 English Language Arts Curriculum has been rewritten and resources purchased for 23-24 school year.

SBA ELA Score Distribution: LiteracyOverall

Show All Students

SchoolYear			
2022-2023	LiteracyOverall	Students	Percentage
	1-Does Not Meet	133	30.4%
	2-Approaching	131	29.9%
	3-Meets	107	24.4%
	4-Exceeds	67	15.3%
2021-2022	LiteracyOverall	Students	Percentage
	1-Does Not Meet	146	32.4%
	2-Approaching	113	25.1%
	3-Meets	126	27.9%
	4-Exceeds	66	14.6%
2020-2021	LiteracyOverall	Students	Percentage
	1-Does Not Meet	173	39.7%
	2-Approaching	91	20.9%
	3-Meets	120	27.5%
	4-Exceeds	52	11.9%

2021 - 2023 Math Performance Trends

- Percentage of students achieving a 3 or 4 on sba increased from 26% to 35% or (149 students)
- Percentage of students who did not meet goal has decreased from 51% to 40% (40 students)

All math curricula was replaced during the 2021 (HS, MS) & 2022 (BB) school years

SBA Math Score Distribution: MathOverall

Show All Students

SchoolYear			
2022-2023	MathOverall	Students	Percentage
	1-Does Not Meet	175	40.0%
	2-Approaching	114	26.0%
	3-Meets	81	18.5%
	4-Exceeds	68	15.5%
2021-2022	MathOverall	Students	Percentage
	1-Does Not Meet	173	38.5%
	2-Approaching	115	25.6%
	3-Meets	84	18.7%
	4-Exceeds	77	17.1%
2020-2021	MathOverall	Students	Percentage
	1-Does Not Meet	220	51.2%
	2-Approaching	119	27.7%
	3-Meets	70	16.3%
	4-Exceeds	21	4.9%

2021 - 2023 Science Performance Trends

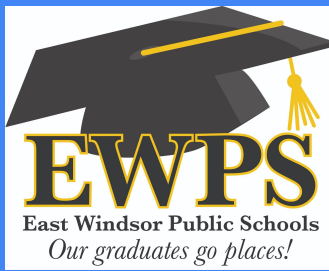
- Percentage of students achieving a 3 or 4 on sba increased from 37% to 41% or (81 students)
- Percentage of students who did not meet goal has increased from 20% to 25% (10 students)

Science curricula is scheduled to be updated for the 2024-2025 school year

NGSS Science Score Distribution: Science Over:

Show All Students

SchoolYear			
2022-2023	ScienceOverall	Students	Percentage
	1-Does Not Meet	49	24.7%
	2-Approaching	68	34.3%
	3-Meets	72	36.4%
	4-Exceeds	9	4.5%
2021-2022	ScienceOverall	Students	Percentage
	1-Does Not Meet	64	30.2%
	2-Approaching	59	27.8%
	3-Meets	69	32.5%
	4-Exceeds	20	9.4%
2020-2021	ScienceOverall	Students	Percentage
	1-Does Not Meet	39	19.8%
	2-Approaching	87	44.2%
	3-Meets	56	28.4%
	4-Exceeds	15	7.6%



Conclusions

- Student Performance in most data indicators over the last three years is trending in the right direction
- Student Performance during the 2023 school year did not meet our expectations, but when looking at the data, our plan is working.
- Student Performance related to other DRG and Alliance District schools is trending toward the top half and/or top third of Alliance Districts, but remains the same when compared to our DRG