

Spring 2023 Standardized Assessment Results

Presentation to the Woodbridge Board of Education

Presented by:

Jimmy Sapia - Assistant Principal

Cheryl Tafel - Assistant Principal

October 16, 2023

Foundational Points

- Smarter Balanced Assessment assesses grades 3-8 students in literacy & mathematics
- Next-Generation Science Standards (NGSS) Assessment assesses grade 5 students in science
- Accurately describes student achievement and growth
- Measures students' progress/attainment of knowledge and skills
- Provides an annual snapshot of student achievement
- Aligned to Common Core State Standards
- Utilizes computer adaptive testing
- Includes one math performance task

Achievement Levels

Four Achievement Levels:

- Level 1 = **Does not meet** the achievement standard
- Level 2 = **Approaching** the achievement standard
- Level 3 = **Meets** the achievement standard
- Level 4 = **Exceeds** the achievement standard

Achievement levels:

- Specify the knowledge and skills at a certain level
- Are less precise than scale scores
- Note: characterizing a student's achievement solely in terms of a level is an oversimplification

Average Vertical Scaled Score

Mathematics

Grade	Level 1	Level 2	Level 3	Level 4
3	<2381	2381-2435	2436-2500	>2500
4	<2411	2411-2484	2485-2548	>2548
5	<2455	2455-2527	2528-2578	>2578
6	<2473	2473-2551	2552-2609	>2609

English Language Arts/Literacy

Grade	Level 1	Level 2	Level 3	Level 4
3	<2367	2367-2431	2432-2489	>2489
4	<2416	2416-2472	2473-2532	>2532
5	<2442	2442-2501	2502-2581	>2581
6	<2457	2457-2530	2531-2617	>2617

Background Information: English Language Arts

Areas of Knowledge and Skills Measured	Statement About Student Learning From Which the Assessment was Built
Reading	Students can read closely and analytically to comprehend a range of increasingly complex literary and informational texts.
Writing	Students can produce effective and well-grounded writing for a range of purposes and audiences.
Listening	Students can employ effective speaking and listening skills for a range of purposes and audiences.
Research/Inquiry	Students can engage in research/inquiry to investigate topics, and to analyze, integrate, and present information.

2023 October Data

Smarter Balanced Assessments (SBA)

Overall results for ELA and Mathematics; percent of students in grades 3-6 meeting/exceeding expectations

All Students	2021-2022	2022-2023
ELA	80.5 (49.1)	81.7 (48.5)
Math	76.6 (40.0)	80.7 (42.5)
High Needs Students	2021-2022	2022-2023
ELA	51.8 (28.4)	51.8 (28.2)
Math	46.4 (19.5)	51.3 (22.0)

Next Generation Science Standards Assessment (NGSS)

Overall results percent of students in grade 5 meeting/exceeding expectations

	2021-2022	2022-2023
All Students	81.8 (47.0)	85.9 (48.5)
High Needs	** (27.3)	57.1 (28.7)

Smarter Balanced Growth Rate

Percentage of students that met or exceeded their individual growth targets as determined by the CT Growth Model

All Students	2021-2022	2022-2023
ELA	61.5 (40.2)	61.2 (37.2)
Math	64.9 (45.8)	64.7 (42.4)

Notes:

- CT State percentages are in parentheses
- ** denotes data suppressed to ensure confidentiality
- High Needs is defined as students qualifying for free/reduced lunch, receive English language learning services, and/or receive special education services

Smarter Balanced Literacy

2022-2023	Levels 3 + 4 (Met or Exceeded Grade-Level Standard)	Level 3 (Met Grade-Level Standard)	Level 4 (Exceeded Grade-Level Standard)
Grade 3	75.5%	27.4%	48.1%
Grade 4	84.6%	19.7%	65%
Grade 5	84.4%	19.5%	64.8%
Grade 6	81.4%	33.9%	47.5%

Background Information: Mathematics

Areas of Knowledge and Skills Measured	Statement About Student Learning From Which the Assessment was Built
Concepts and 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.
Communicating Reasoning	Students can clearly and precisely construct viable arguments to support their own reasoning and to critique the reasoning of others.
Modeling and Data Analysis	Students can analyze complex, real-world scenarios and can construct and use mathematical models to interpret and solve problems.

Smarter Balanced Mathematics

	Levels 3 + 4 (Met or Exceeded Grade-Level Standard)	Level 3 (Met Grade-Level Standard)	Level 4 (Exceeded Grade-Level Standard)
Grade 3	75.7%	32.7%	43%
Grade 4	87.2%	34.2%	53%
Grade 5	82.8%	20.3%	62.5%
Grade 6	76.5%	26.1%	50.4%

NGSS Science - A Deeper Look

	Levels 3 + 4 (Met or Exceeded Grade-Level Standard)	Level 3 (Met Grade-Level Standard)	Level 4 (Exceeded Grade-Level Standard)
Grade 5	86%	38%	48%

The Results: ELA- All Students

Grade	Percent Scoring Level 3 and Above			Average Vertical Scale Score		
	2021-2022	2022-2023	2023-2024	2021-2022	2022-2023	2023-2024
3	73.4%	75.5%		2489	2487	
4	79.1%	84.6%		2547	2555	
5	83.5%	84.4%		2588	2593	
6	85.4%	81.4%		2609	2609	
All Grades	80.35%	81.7%		N/A	N/A	

The Results: Math- All Students

Grade	Percent Scoring Level 3 and Above			Average Vertical Scale Score		
	2021-2022	2022-2023	2023-2024	2021-2022	2022-2023	2023-2024
3	79.8%	75.7%		2497	2488	
4	80.6%	87.2%		2545	2552	
5	66.1%	82.8%		2557	2586	
6	79.7%	76.5%		2614	2609	
All Grades	76.55%	80.7%		N/A	N/A	

DRG B ELA Ranking for ELA SBAC Performance				
Ranking	District	Subject	Level 3&4 Met or Exceeded	
			Count	%
1	Woodbridge School District	ELA	383	81.7
2	Madison School District	ELA	808	78.4
3	Regional School District 05	ELA	539	76.5
4	Cheshire School District	ELA	1,405	76.4
5	Simsbury School District	ELA	1,399	75.6
6	Farmington School District	ELA	1,414	75.1
7	Trumbull School District	ELA	2,288	74.4
8	Greenwich School District	ELA	2,783	74.1
9	Glastonbury School District	ELA	1,832	73
9	Guilford School District	ELA	1,018	73
11	Monroe School District	ELA	1,102	72.9
12	Fairfield School District	ELA	2,993	72.6
13	Avon School District	ELA	1,009	69.5
13	Orange School District	ELA	494	69.5
15	South Windsor School District	ELA	1,624	69.3
16	Newtown School District	ELA	1,192	67.9
17	Granby School District	ELA	513	65.6
18	New Fairfield School District	ELA	609	64.9
19	West Hartford School District	ELA	2,562	64.1
20	Brookfield School District	ELA	677	61.5
21	State of Connecticut	ELA	106,474	48.5

DRG Math Ranking for Math SBAC Performance				
Ranking	District	Subject	Level 3&4 Met or Exceeded	
			Count	%
1	Woodbridge School District	Math	380	80.7
2	Madison School District	Math	816	79.2
3	Cheshire School District	Math	1,354	73.7
4	Farmington School District	Math	1,368	72.9
4	Glastonbury School District	Math	1,828	72.9
6	Trumbull School District	Math	2,200	71.6
7	Simsbury School District	Math	1,322	71.5
8	Greenwich School District	Math	2,636	70.3
9	Regional School District 05	Math	484	69.1
10	South Windsor School District	Math	1,577	67.8
11	New Fairfield School District	Math	628	67.2
12	Fairfield School District	Math	2,767	67.1
13	Guilford School District	Math	924	66.3
14	Orange School District	Math	467	65.9
15	Newtown School District	Math	1,138	64.9
16	Monroe School District	Math	970	64.4
17	Avon School District	Math	907	62.5
18	West Hartford School District	Math	2,366	59.4
19	Brookfield School District	Math	601	54.9
20	Granby School District	Math	414	53.3
21	State of Connecticut	Math	92,970	42.5

Follow Up and Next Steps

- Grade level analysis by homeroom and former students
- Continued professional learning and curriculum development
 - Give students appropriate exposure and practice to the tools necessary to demonstrate knowledge
 - Continuation of Coaching in Math/ELA
 - Progress monitoring using STAR and Dibels (specifically with intervention students)
- School-wide data team- regular monthly meetings
- Feedback and coaching within the classroom and PLC meetings
- Interim Assessment Blocks administered at all grade levels and utilizing data to support students.

