

**New Fairfield Public
Schools:
Planning for the
Future by
Reviewing the Past**

October 2019

Let's play school! I'll pretend
to be a teacher
analyzing disaggregated
student data, and
you can pretend to
be a student taking
a standardized test!



somee cards
user card

Overview of what's included...

Data...

SBAC

NGSS

SAT

AP

Accountability Index

SBAC

- In the DRG overall
- Cohort growth by grade
- Scaled Score Growth
- Special Education Comparison

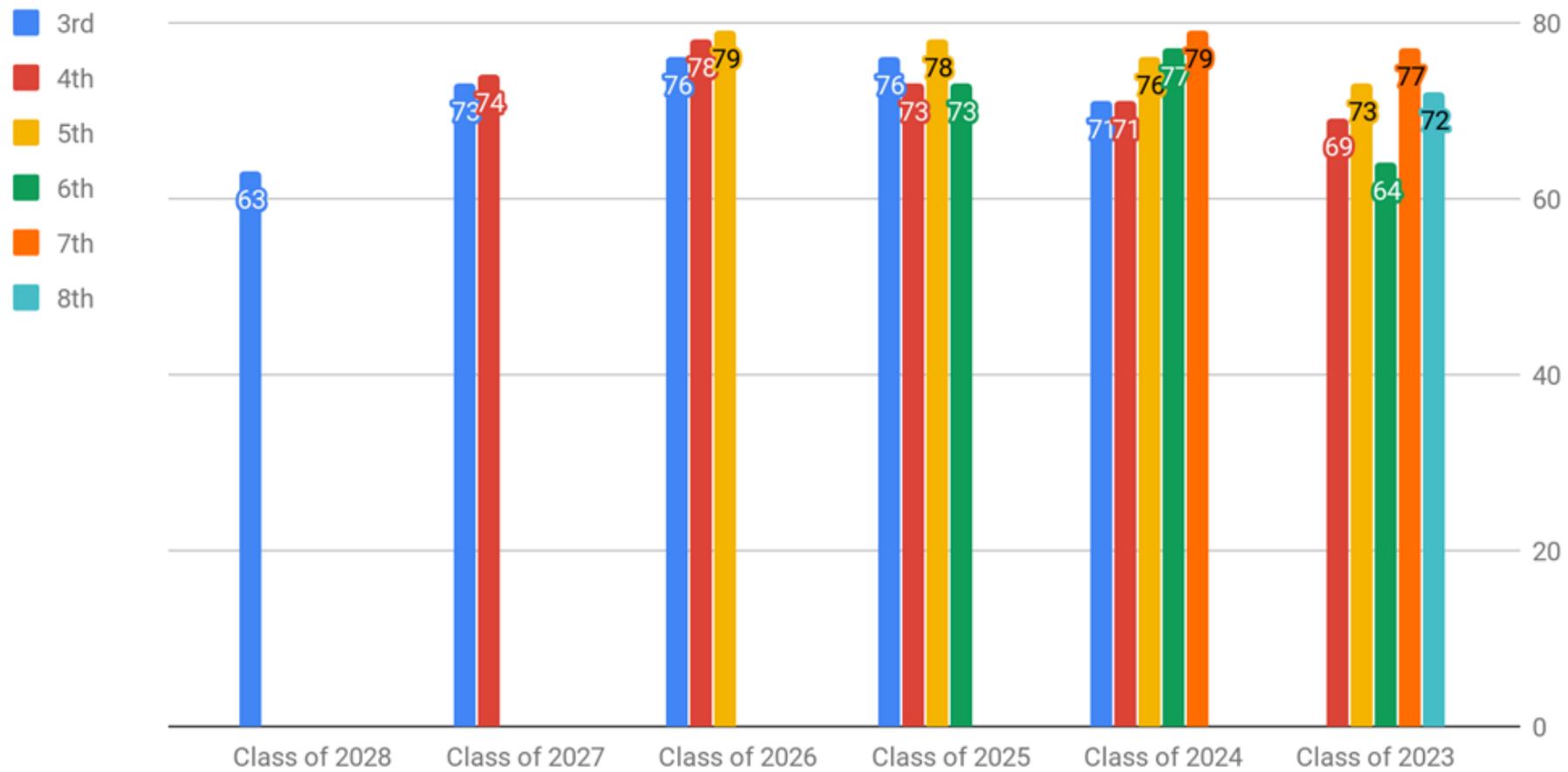
DRG SBAC - Grades 3 - 8 ELA

2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Monroe - 84.6	Trumbull - 81.8	Trumbull - 81.4	Region 5 - 84.5	Region 5 - 83.3
Avon - 82.3	Guilford - 81.7	Simsbury - 80.3	Simsbury - 82.9	Cheshire - 82.6
Guilford - 79.9	Avon - 81.1	Avon - 80.2	Guilford - 81.8	Monroe - 82.5
Simsbury - 79.9	Simsbury - 80.4	Monroe - 80	Trumbull - 81	Farmington - 81.7
Orange - 79.6	Woodbridge - 80.1	Farmington - 79	Farmington - 80.3	Simsbury - 81.7
Region 15 - 78.8	Glastonbury - 79.2	Region 5 - 78.5	Avon - 80.2	Guilford - 81.2
Cheshire - 78.4	Farmington - 78.6	Guilford - 78.1	Monroe - 78.4	Trumbull - 80.1
Farmington - 78.1	Monroe - 78.5	Glastonbury - 77.1	Cheshire - 78.1	Woodbridge - 80.1
Greenwich - 77.8	Cheshire - 78.4	Cheshire - 76.9	Greenwich - 78	Avon - 78.9
Glastonbury - 77.7	Region 5 - 78.3	Woodbridge - 76.4	Fairfield - 77.9	Glastonbury - 78.1
DRG Average - 75.6	Granby - 77.6	Region 15 - 76.3	Glastonbury - 77.4	Fairfield - 78
Granby - 75	Region 15 - 77.5	Greenwich - 75.6	New Fairfield - 76.9	Greenwich - 77.5
Madison - 74.8	Orange - 77.4	DRG Average - 75.3	DRG Average - 76.3	DRG Average - 77.2
Newtown - 74.8	DRG Average - 76.9	South Windsor - 75	Orange - 75	Orange - 76
Fairfield - 74.3	South Windsor - 76.6	Fairfield - 74.5	Woodbridge - 74.4	Granby - 75.9
Woodbridge - 72.9	Greenwich - 75.9	Orange - 74	South Windsor - 74.2	Region 15 - 75
West Hartford - 72.3	Newtown - 75.2	Granby - 73.5	Newtown - 74	South Windsor - 74.5
South Windsor - 71	Fairfield - 74	New Fairfield - 71.8	Granby - 73.4	Newtown - 74.3
Trumbull - 71	New Fairfield - 72.1	West Hartford - 71	Region 15 - 72.1	New Fairfield - 73.4
Brookfield - 70.3	Madison - 71.1	Newtown - 70.2	West Hartford - 69.8	West Hartford - 70.3
Region 5 - 69.3	West Hartford - 71.1	Madison - 66.9	Brookfield - 66.5	Madison - 69
New Fairfield - 65.8	Brookfield - 68.5	Brookfield - 65.8	Madison - 66	Brookfield - 67.9

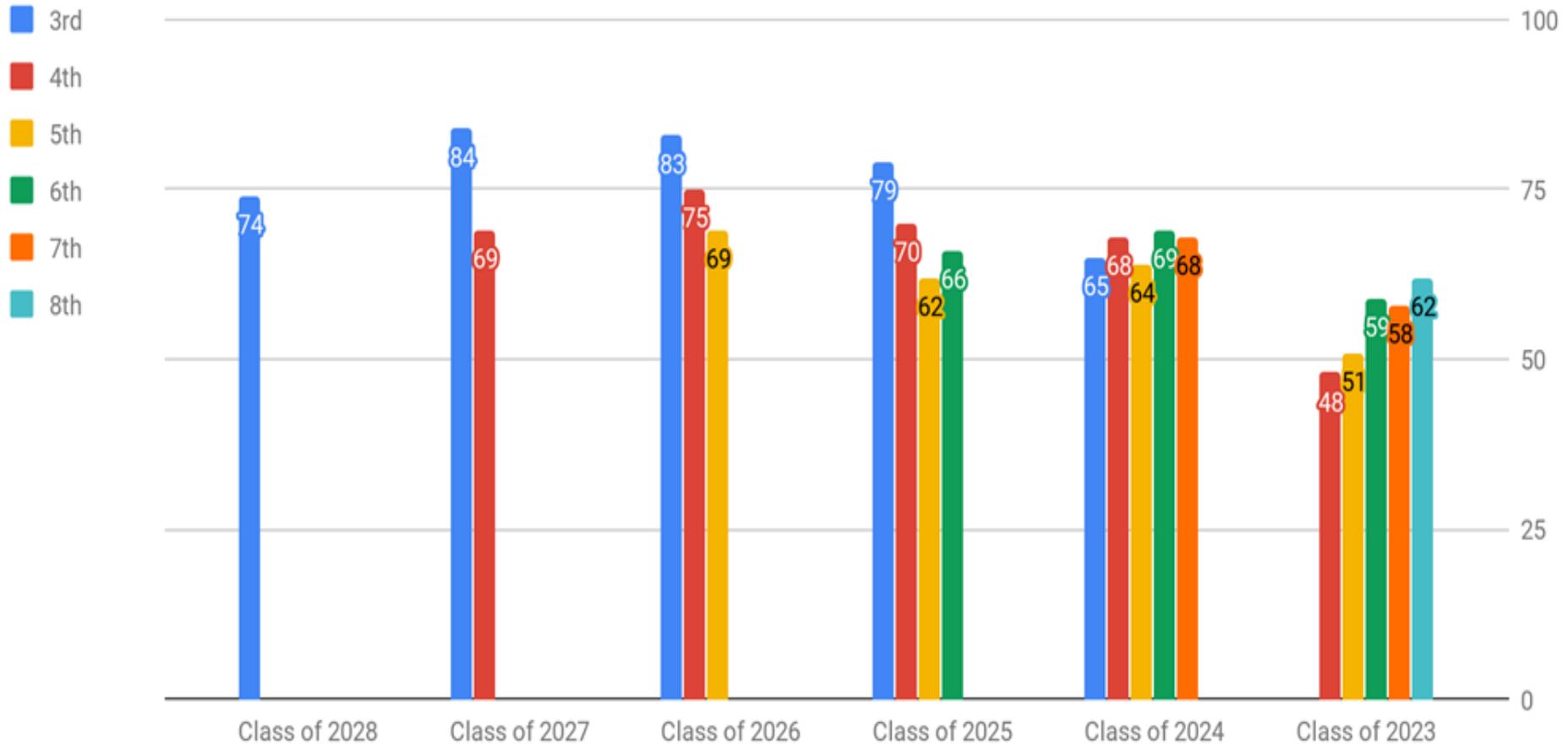
DRG SBAC - Grades 3 - 8 Math

2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Avon - 72.4	Trumbull - 76.3	Trumbull - 77.3	Guilford - 78.1	Region 5 - 79.7
Glastonbury - 67	Avon - 75.3	Guilford - 75.6	Trumbull - 76.3	Guilford - 77.6
Orange - 64.9	Glastonbury - 74.6	Avon - 73.9	Region 5 - 75.4	Trumbull - 76.5
Simsbury - 64.8	Farmington - 72.5	Farmington - 73.7	Avon - 75.3	Glastonbury - 75.5
Farmington - 63.8	Woodbridge - 71.2	Glastonbury - 73.6	Glastonbury - 74.4	Cheshire - 75.2
Greenwich - 63.8	Newtown - 70.8	Woodbridge - 71.6	Farmington - 74.1	Avon - 74.7
Guilford - 63.8	Guilford - 70.5	Region 5 - 70.9	Greenwich - 71.4	Farmington - 74.5
South Windsor - 61.4	South Windsor - 69.6	Greenwich - 70.7	Fairfield - 70.5	Woodbridge - 74.1
Woodbridge - 61.1	Orange - 69	South Windsor - 69.7	Orange - 69.7	Monroe - 73.3
DRG Average - 60.7	Region 5 - 68	Orange - 69.5	Woodbridge - 69.6	Greenwich - 72.6
Granby - 60.7	DRG Average - 67.7	Simsbury - 69.3	DRG Average - 69.4	Fairfield - 72.5
Trumbull - 60.4	Simsbury - 67.6	Monroe - 69.1	New Fairfield - 69.3	DRG Average - 71.3
Fairfield - 59.8	Monroe - 66.8	Region 15 - 69	South Windsor - 69.2	South Windsor - 70.9
Madison - 59.8	Greenwich - 66.3	DRG Average - 69	Simsbury - 68.6	Region 15 - 70.8
Monroe - 59.7	Fairfield - 65	Newtown - 68.3	Cheshire - 68.2	Simsbury - 70.4
Newtown - 59.6	Region 15 - 65	Fairfield - 67.9	Newtown - 67.4	Orange - 68.5
Region 15 - 59.4	Cheshire - 64.8	Cheshire - 66.5	Monroe - 67.3	Newtown - 67.4
Cheshire - 58.5	Granby - 64.1	New Fairfield - 64.1	Region 15 - 65.8	New Fairfield - 67.3
Brookfield - 56.7	Madison - 63.4	Madison - 62.6	Madison - 64.8	Madison - 66.8
Region 5 - 55.5	Brookfield - 61.8	Granby - 62.5	Granby - 62.2	Brookfield - 63.1
West Hartford - 54.7	New Fairfield - 61.5	Brookfield - 61.3	West Hartford - 60.8	Granby - 62.9
New Fairfield - 46.2	West Hartford - 57.9	West Hartford - 61.1	Brookfield - 59.4	West Hartford - 62.2

Cohort SBAC ELA Data



Cohort SBAC Math Data



Scaled Score Trends

ELA	3	4	5	6	7	8
2014-2015	2463.1	2498.3	2542.1	2541.3	2596.1	2600.7
2015-2016	2480.6	2509.0	2551.1	2573.7	2596.8	2616.7
2016-2017	2472.5	2508.0	2545.5	2560.0	2599.3	2598.5
2017-2018	2475.4	2521.1	2553.5	2586.6	2610.2	2633.3
2018-2019	2460.9	2525.0	2559.9	2577.1	2607.9	2605.2

Math	3	4	5	6	7	8
2014-2015	2459.5	2487.7	2530.5	2505.2	2555.0	2579.5
2015-2016	2484.0	2513.2	2528.5	2565.1	2561.7	2605.2
2016-2017	2483.2	2515.6	2544.0	2569.7	2585.9	2596.3
2017-2018	2487.1	2525.2	2546.1	2592.9	2580.8	2641.8
2018-2019	2480.4	2511.5	2556.6	2582.3	2598.5	2612.8

Special Education Comparisons

ELA	3	4	5	6	7	8
% Meeting Benchmark - All	63%	74%	79%	73%	79%	72%
% Meeting Benchmark - Sped	18%	29%	28%	19%	29%	21%
All Students APTA		76%	69%	61%	61%	45%
Special Ed APTA		60%	42%	42%	52%	36%

Math	3	4	5	6	7	8
% Meeting Benchmark - All	74%	69%	69%	66%	67%	59%
% Meeting Benchmark - Sped	27%	18%	11%	25%	25%	8%
All Students APTA		50%	72%	72%	54%	77%
Special Ed APTA		33%	41%	59%	47%	63%

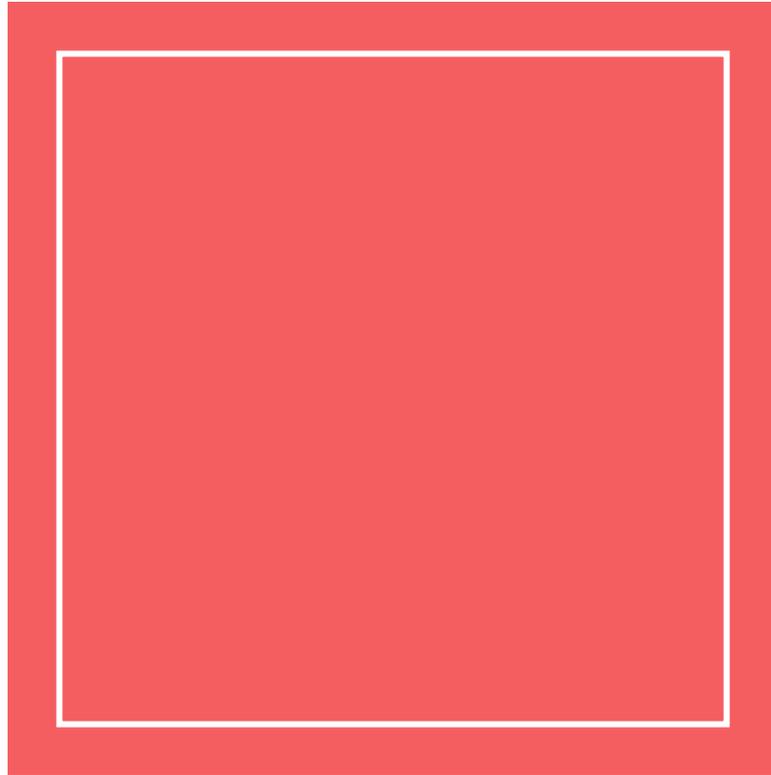
Next Generation Science Standards Summative Assessment Spring 2019 *(First Released Scores)*

Grade	% Meeting Benchmark
Grade 5	82%
Grade 8	56%
Grade 11	48%

PSAT and SAT Benchmarks

	9th Grade PSAT	10th Grade PSAT	11th Grade PSAT NMSQT	SAT
Math	450	480	510	530
ELA	410	430	460	480

** Students who meet benchmark on SAT have a 75% chance of getting a “C” or better in their 1st semester of college in that subject*



SAT ELA % at Benchmark

	2015-2016	2016-2017	2017-2018	2018-2019
Simsbury School District	87.5	93.0	89.8	87.3
Newtown School District	88.6	87.8	82.4	86.8
Guilford School District	88.6	84.3	86.6	86.2
Madison School District	93.2	91.0	93.1	86.1
Cheshire School District	85.3	85.9	80.7	85.8
Granby School District	83.4	89.5	83.1	84.8
Farmington School District	84.0	87.5	86.9	84.1
Avon School District	90.1	88.3	89.9	83.9
Monroe School District	81.5	84.3	82.7	83.4
Fairfield School District	84.6	85.5	82.1	82.9
Greenwich School District	81.2	84.6	86.3	82.7
DRG Average	84.7	86.0	83.9	82.6
Glastonbury School District	85.3	84.4	80.6	82.5
Regional School District 05	83.4	86.2	84.8	81.3
Regional School District 15	82.7	86.3	83.7	80.5
Trumbull School District	82.4	85.8	81.6	79.6
West Hartford School District	76.6	81.3	79.4	79.1
New Fairfield School District	84.1	79.8	86.1	77.8
Brookfield School District	84.8	87.0	80.8	77.3
South Windsor School District	82.5	81.1	74.1	76.5
State of Connecticut	65.0	65.4	62.4	61.6

SAT ELA Scale Score

	2015-2016	2016-2017	2017-2018	2018-2019
Simsbury School District	588	614	603	591
Avon School District	607	603	602	584
Greenwich School District	575	586	591	580
Madison School District	597	591	593	579
Guilford School District	587	582	589	578
Farmington School District	576	586	583	577
Newtown School District	577	580	557	573
Glastonbury School District	570	584	571	571
Granby School District	565	585	561	571
Cheshire School District	567	573	555	571
DRG Average	573	581	573	569
Regional School District 05	577	588	582	569
West Hartford School District	559	573	570	566
Regional School District 15	564	576	564	566
Fairfield School District	572	579	570	566
Monroe School District	562	570	569	564
Trumbull School District	557	578	564	559
South Windsor School District	557	567	545	554
Brookfield School District	565	570	557	549
New Fairfield School District	564	552	563	546
State of Connecticut	520	524	516	514

SAT Math % at Benchmark

	2015-2016	2016-2017	2017-2018	2018-2019
Avon School District	76.6	79.1	78.9	73.7
Glastonbury School District	69.4	74.7	68.2	73.7
Regional School District 15	61.2	67.6	61.9	73.5
Newtown School District	65.5	73.2	61.9	71.8
Madison School District	69.6	72.7	70.6	71.5
Simsbury School District	72.6	77.2	77.0	71.5
Monroe School District	61.7	61.4	58.5	71.3
Guilford School District	63.6	63.2	63.4	68.8
Trumbull School District	58.4	64.3	66.2	67.1
Fairfield School District	63.4	62.5	59.8	66.4
DRG Average	63.0	65.7	64.0	66.3
Farmington School District	61.3	66.8	71.3	65.9
Greenwich School District	64.2	62.1	68.9	65.1
Cheshire School District	62.8	64.8	58.4	63.9
Regional School District 05	64.0	67.3	64.9	63.7
Granby School District	62.9	69.1	57.3	62.0
West Hartford School District	56.2	60.8	61.2	61.8
South Windsor School District	59.8	58.8	51.3	60.8
Brookfield School District	56.5	59.9	59.6	59.6
New Fairfield School District	47.1	42.9	57.4	48.1
State of Connecticut	39.3	41.3	40.3	40.6

SAT Math Scale Score

	2015-2016	2016-2017	2017-2018	2018-2019
Avon School District	603	611	594	590
Glastonbury School District	581	595	578	583
Simsbury School District	588	597	592	580
Madison School District	578	580	582	579
Newtown School District	562	578	556	579
Guilford School District	561	561	573	577
Farmington School District	568	577	582	574
Greenwich School District	575	570	589	571
Fairfield School District	557	558	556	570
Monroe School District	552	563	553	570
Regional School District 15	550	566	559	570
Trumbull School District	557	569	565	567
DRG Average	562	577	573	576
Regional School District 05	563	578	575	563
Cheshire School District	562	563	549	562
West Hartford School District	545	557	559	557
South Windsor School District	550	557	533	554
Granby School District	555	571	549	552
Brookfield School District	542	554	544	550
New Fairfield School District	523	513	542	522
State of Connecticut	502	507	503	500

**SAT ELA
High Needs
Average Scale
Score**

District	2015-2016	2016-2017	2017-2018	2018-2019
Granby School District	492	487	476	528
Regional School District 05	487	501	523	507
Guilford School District	517	490	528	506
Newtown School District	512	490	492	503
Cheshire School District	478	476	480	501
Greenwich School District	470	485	519	497
Regional School District 15	466	511	494	496
Simsbury School District	511	539	514	496
Regional School District 19	505	499	498	495
DRG Average	491	494	498	494
Fairfield School District	489	491	470	494
Farmington School District	483	509	497	494
West Hartford School District	466	488	495	493
Madison School District	509	505	547	491
Monroe School District	476	506	475	488
Trumbull School District	485	503	503	488
Brookfield School District	487	503	487	487
Glastonbury School District	495	471	458	485
New Fairfield School District	493	472	515	485
Avon School District	520	482	506	482
South Windsor School District	481	476	489	469

SAT Math High Needs Average Scale Score

District	2015-2016	2016-2017	2017-2018	2018-2019
Newtown School District	488	474	481	505
Guilford School District	460	460	502	500
Regional School District 19	484	501	479	499
Brookfield School District	462	502	475	495
Regional School District 15	447	480	481	495
Fairfield School District	469	470	452	492
Regional School District 05	460	503	506	492
Farmington School District	464	489	496	488
Granby School District	487	447	467	486
Trumbull School District	479	490	498	486
West Hartford School District	448	467	487	486
DRG Average	471	480	483	485
Glastonbury School District	490	474	465	483
Cheshire School District	463	472	476	482
Simsbury School District	506	510	499	479
Greenwich School District	462	463	501	476
Madison School District	480	500	520	475
South Windsor School District	476	463	467	474
Avon School District	481	498	473	472
Monroe School District	467	495	436	472
New Fairfield School District	448	438	497	459

Advanced Placement Testing Data

	2015	2016	2017	2018	2019
Total AP Students	269	260	224	220	233
# of Exams	519	516	423	393	424
AP Students with Scores 3+	179	166	140	139	153
% of Total AP Students with Scores 3+	66.5%	63.8%	62.5%	63.2%	65.7%

**Our participation rate in 2019 was 29% which is typical within our DRG*

Accountability Index: Selected Indicators

	New Fairfield	State of CT
Chronic Absenteeism Rate	4.4%	10.7%
Suspension/Expulsion Rate	3.0%	6.8%
Students w/ Disabilities Who Spend \geq 79.1% of Time w/ Nondisabled Peers	79.7%	68.6%
Physical Fitness: Students Reaching Health Standard	62.6%	50.1%
Cohort Graduation	99.1%	87.9%
College Entrance	82.7%	70.9%
College Persistence	94.7%	88.3%

Excerpted from 2017 - 2018 District Profile and Performance Report

Action Planning

**What We're Doing to Increase Student
Achievement as Reflected by Our Scores**

Districtwide....

- Math Self-Study
- Focus on High Quality Instruction that involves complex, meaningful tasks
- Curriculum Revision
- Star Testing for progress monitoring (grades 1 - 9)
- Continuing to improve our progress monitoring of students
- Including special education teachers in professional development at each building, focusing on student achievement
- Expanding the use of research-based interventions and instructional programs
- Continuing to develop our skills of IEP goal writing
- Continue to support academic initiatives through special education

At Consolidated School...

- Work with grade level teams to analyze assessment data in Math and ELA to inform instruction and identify needed intervention
- Provide focused intervention to remediate areas of concern and progress monitor on a regular basis
- Facilitate conversations on pedagogy during weekly collaboration meetings (PLC)
- Provide teachers with ongoing math and literacy coaching, which will address Tier 1 classroom instruction and ongoing, live PD within the classroom setting
- Ensure the social and emotional needs of the children are met through focused SEL lessons delivered to each classroom during Morning Meeting so that they are available for learning
- Continue to focus on Student Led Discussions, Conferring with students, and small group instruction, providing immediate and actionable feedback to students in all content areas.
- Using anchor tasks as a way to foster student engagement, ownership of learning, discussions and inquiry in mathematics
- Providing opportunities for problem solving where students can learn perseverance and apply math skills and concepts
- Increasing voice and choice through math menus, while also reinforcing and reteaching skills and strategies

At Meeting House Hill School...

- Data analysis of SBAC, STAR, Modular and Benchmark Assessments with Grade Level PLC, School Improvement team, and Instructional Coaches
- Conducting coaching cycles in both mathematics and ELA instruction with Instructional Coaches. This year we are putting particular emphasis on coaching cycles with special education staff
- Providing staff with professional development in Reading Workshop, Writing practices, and Responsive Classroom
- Identifying students who need targeted intervention through the Child Study Team Process. Our team continues to meet twice a week to review student achievement and plan interventions with intervention teacher and support staff
- Targeted instruction will be provided to students during whole group instruction and small group work with identified focus skill areas from the STAR testing
- Students will participate in monthly IAB assessments using the SBAC portal. Direct instruction will be provided to students on the format and tools embedded in the assessment platform
- Teachers will incorporate SBAC Practice test items from the state assessment resources

At New Fairfield Middle School...

- Data analysis of SBAC and STAR scores to target both individual and class instruction in both ELA and Mathematics
- Use of scores of the last 2 years on SBAC to identify students that need Tier 3 intervention with Reading and Mathematics Interventionists through Workshop
- Use of STAR scores and Instructional Plans as well as benchmark assessments to identify Tier 2 intervention with Reading and Mathematics with interventionist or classroom teacher
- Use of STAR scores and instructional plans as well as benchmarks assessments to identify Tier 1 intervention with classroom instructions
- SBAC Interim Assessments followed by data team meetings to regroup students based on the data into Tier I and Tier II Interventions
- Tier 1 Instruction will include Schoolwide CER writing, benchmarks, Forget- Me-Nots in math and ELA to be shared with Science and Social Studies, and explicit vocabulary instruction in mathematical vocabulary as well as Tier 2 vocabulary
- Science and social studies will be working on graphing and data analysis; patterns and trends. Integration of statistics into social studies
- Students will read longer texts in order to increase stamina in both ELA and social studies
- Assessments revised to have questions reflect SBAC wording and rigor

At New Fairfield High School...

English-explicit grammar instruction through mini-lessons, teacher modeling and student practice. Grammar daily warm-up's. Use of Khan Academy to identify areas of skill weakness and practice. Use of PSAT/SAT practice materials. Writing conferences: Areas of grammar weaknesses identified from benchmark writing assessments taken in September, and through student essay assignments. PSAT/SAT/ACT practice with identified skills, test strategies, and student practice every Thursday in American Studies. Grammar scope and sequence document shared by Lori Ferreira to all department teachers for use in grades 9-11.

Social Studies - Essays: Documents (Primary and Secondary Sources) Based Questions, Free Response Questions; Research Papers; Peer Editing; Shared Inquiry (Close Reading) Exercises; Vocabulary Building; Use of College Board Resources; Writing Conferences; Socratic Seminars; Journal Writing; Identifying Problems of Practice through the use of the six strands of SAT Rubric, to drive remediation and further skill instruction; Creating a culture of analytical thinking, complex problem solving, and historical writing.

Science - Teachers taking math goals through teacher evaluation, SAT Skills being embedded into new Physics curriculum for all juniors

Math - Implementing warm-up/do-now's that are related to SAT content (mostly released items) that spirals but is content that students have already learned. The math department is focusing this year on Heart of Algebra and Problem Solving and Data Analysis since we feel that is a place that all students can be successful. Pulling small groups during Rebel 33 to link to KHAN, show data on Collegeboard and practice specific types of problems. Created benchmarks that are SAT-aligned and using them as teachers data-driven goals for the year. Re-writing curriculum, particularly in Geometry, to include probability and data analysis which is prevalent on the SAT. Teachers are also completing Collegeboard online workshops during PD time. We would also like to host a community night in the fall in conjunction with the other departments including guidance where parents come in and learn how they can help students on the SAT and why the SAT is important.

In conclusion...

**We
are
Focused
and
Determined!**

