Shrewsbury Borough School
Fall 2023
Start Strong Data Presentation

January 18, 2023 Board of Education Meeting
Presented by Cheryl L. Salway,
Supervisor of Curriculum and Instruction

Don't Forget…

"Interpretations should **consider the number of students in each group**. Making comparisons among groups of students when one of the groups is small can lead to misinterpretations of the results. **Results for groups of students can be heavily influenced by the performance of one or two students, who might not be representative of their population as a whole**. Additionally, the number of students for reporting is a minimum of 10 as per suppression rules applied to student data to protect student confidentiality."-*DOE Start Strong Assessment Results Summary Report Guide*

"The Start Strong Assessment primary purpose is to provide instructional information to classroom teachers about students' needs for additional support upon returning to school in the fall of 2022. The information provided by this assessment is a snapshot of a student's understanding and should only be used with other supporting evidence (assignments, homework, etc.) when drawing conclusions about a student's overall academic performance." -*DOE Start Strong Supporting Guide for Educators*

Don't Forget the Design of Start Strong…

English Language Arts
- 10 questions each with two parts: 5 Reading Literature, 5 Informational Text
- **Few** Language Standards were assessed
- Writing Standards were **not** assessed

Mathematics
- 21 to 23 questions
- Algebra students assessed on Grade 8 math standards

Science
- Grade 6 only
- 25 questions
- Relies having on reading informational text (including graphs, charts, images)

Data for state was not released…no data to compare

*The report must include aggregated and disaggregated subgroup data, as well as comparative analyses and appropriate intervention strategies.-NJDOE Broadcast, 11.30.22
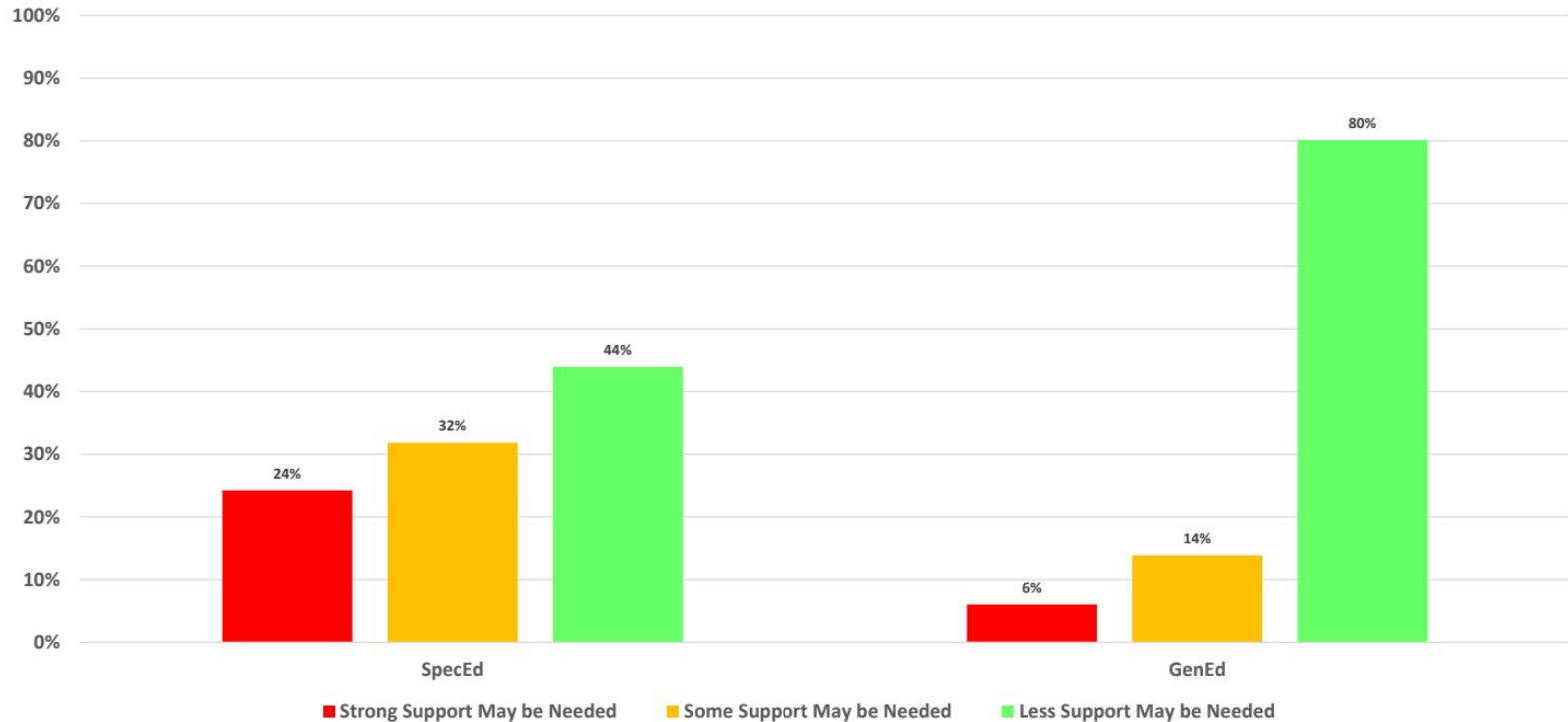
Shrewsbury Borough School
2022-2023 Start Strong English Language Arts

Grade	Total Tested in District	Support Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		# of students	% of total	# of students	% of total	# of students	% of total
4	46	0	0%	11	24%	35	76%
5	48	3	6%	4	8%	41	85%
6	32	9	28%	8	25%	15	47%
7	49	8	16%	7	14%	34	69%
8	57	6	11%	14	25%	37	65%
All Grades	232	26	11%	44	19%	162	70%

Shrewsbury Borough School
2022-2023 Start Strong English Language Arts: Subgroup
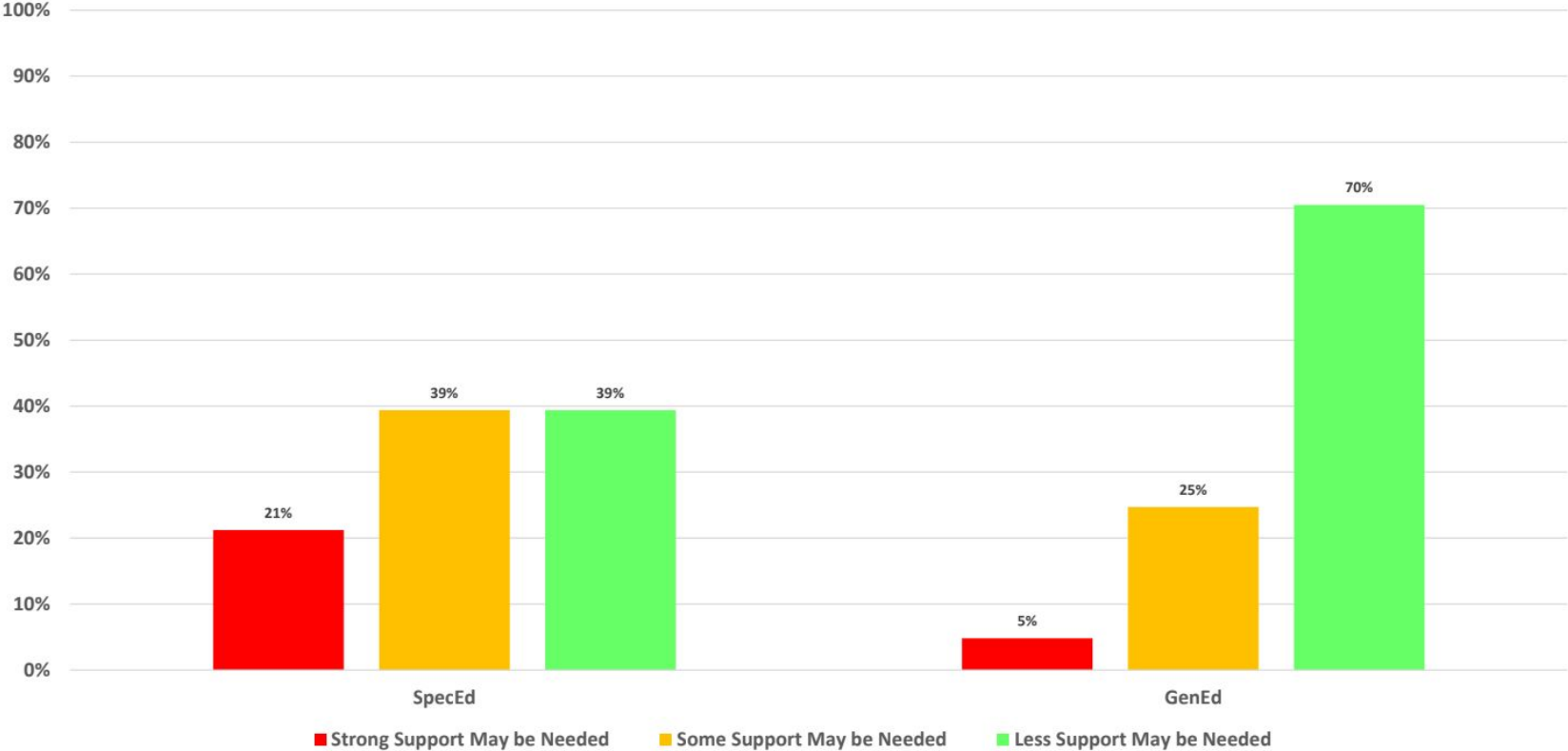
Distribution by Support Level (All Grades)

Legend: ■ Strong Support May be Needed ■ Some Support May be Needed ■ Less Support May be Needed

SpecEd: 24%, 32%, 44%
GenEd: 6%, 14%, 80%

Shrewsbury Borough School
2022-2023 Start Strong Mathematics

Grade	Total Tested in District	Support Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		# of students	% of total	# of students	% of total	# of students	% of total
4	46	2	4%	5	11%	39	85%
5	48	6	13%	10	21%	32	67%
6	32	6	19%	17	53%	9	28%
7	49	3	6%	14	29%	32	65%
8	38	3	8%	13	34%	22	58%
Alg I (MS)	19	2	11%	8	42%	9	47%
All Grades	232	22	9%	67	29%	143	62%

Shrewsbury Borough School
2022-2023 Start Strong Mathematics: Subgroup

Shrewsbury Borough School
2022-2023 Start Strong Science

Grade	Total Tested In District	Support Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		# of students	% of total	# of students	% of total	# of students	% of total
6	33	6	18%	15	45%	12	36%

Spring 22 NJSLA: How Do We Compare to Similar NJ Districts?

When comparing keep in mind:

- **School size & district size** (SBS is a one-school K-8 district with 463 students)
- **Socioeconomic status** of district (i.e. Districts formerly labeled with an "I" District Factor Guide). This does not account for special education populations across and among grade levels.
- **Pandemic Practices**
  - For school years 2019-2020, 2020-2021, 2021-2022, districts' Remote Learning Plans and Covid protocols varied greatly

How Do We Compare to Similar NJ Districts?

Where can I find this data?

NJDOE Summary of Statewide Assessment Results

New Jersey School District Rankings on Schooldigger

- Uses data from NJDOE to rank districts and schools (elementary, middle, high school)
- Based simply on state standardized test scores (Ex. NJSLA)

How Do We Compare to Similar NJ Districts? The APP rankings..

What you need to know about the Asbury Park Press rankings to truly understand them:

- Based on NJDOE Data, ONLY includes grades 3 through 8
- High School Data eliminated
- Schools with suppressed test scores due to privacy also eliminated (ex.less that 10)
- "Mean test scores at each grade level were analyzed and assigned a rank and score compared to the other districts in the state. For example, if Faketown was ranked highest in the state in mathematics out of 425 districts, it would receive a rank of 1 and a score of 424 (425-1). The town with the second highest average scores would receive 423 points, and so on."
- "After the scores were tallied for each grade level, they were summed to create an aggregate score for each district. The rankings we produced are based off that aggregate score, which equally weighs the grade-level performance of the districts analyzed across six grade levels."

How Do We Compare to Similar NJ Districts? - ELA

Rankings are based on 425 school districts

District		3rd	5th	8th	Overall	
Monmouth						
Shrewsbury Borough		13	208	96	101	
Little Silver		29	4	7	3	
Fair Haven		30	43	47	21	
Rumson		19	3	2	3	
Monmouth Beach		5	175	47	32	
Spring Lake		1	29	6	6	
Sea Girt		XXX	XXX	XXX	XXX	
Brielle		79	54	26	30	
Avon		XXX	XXX	XXX	XXX	
Ocean						
Bay Head		79	130	58	98	

How Do We Compare to Similar NJ Districts? - Math

*Rankings are based on 425 school districts

	Grade 3	Grade 5	Grade 8	Overall
Monmouth				
Shrewsbury Borough	6	158	95	51
Little Silver	15	4	6	5
Fair Haven	15	34	47	25
Rumson	12	1	2	1
Monmouth Beach	15	83	47	41
Spring Lake	1	83	5	22
Sea Girt	2	2	35	7
Brielle	104	48	25	57
Avon	XXX	XXX	XXX	XXX
Ocean				
Bay Head	34	108	58	113

How Do We Compare to Similar Districts in Bergen County? ELA

Rankings are based on 425 school districts

		3rd	5th	8th	Overall
Bergen					
Closter		24	37	8	10
Demarest Boro		4	126	13	29
Englewood Cliffs Boro		2	1	1	1
Harrington Park Boro		27	134	78	42
Haworth Boro		27	31	47	20
Norwood		6	48	12	27
Oakland Boro		88	37	107	66
Old Tappen Boro		21	22	16	19
River Vale Boro		79	113	96	75
Allendale		6	25	18	7
Alpine Boro		3	22	4	5

How Do We Compare to Similar Districts in Bergen County? Math

Rankings are based on 425 school districts

		Grade 3	Grade 5	Grade 3	Overall
Bergen					
Closter		324	26	7	12
Demarest Boro		3	29	12	9
Englewood Cliffs Boro		13	15	1	3
Harrington Park Boro		24	48	77	34
Haworth Boro		27	4	47	31
Norwood		15	63	11	39
Oakland Boro		166	108	106	132
Old Tappen Boro		24	63	15	27
River Vale Boro		48	73	95	43
Allendale		4	4	17	3
Alpine Boro		XXX	XXX	XXX	XXX

Current Steps Taken to Address Achievement Loss

District Goal Prioritizing Student Achievement
At least 80% of students in grades K-8 will achieve Typical Growth or higher in both Mathematics and English Language Arts using the iReady Diagnostic Assessment as measured in Fall and Spring.At least 30% of students in grades k-8 will achieve Stretch Growth in both Mathematics and English Language Arts using iReady Diagnostic Assessment as measured in Fall and Spring.

- Every academic teacher in grades 4 through 8 has an _SGO that is based on a standard from our NJSLA District Evidence Tables_; K-3 teachers have SGO based on F and P and/or IReady
- Students are expected to complete one iReady lesson a week in both Mathematics and ELA
- February 23 BOE meeting, iReady growth report

Rigor in ELA instruction: Professional Development with Teachers College Reading and Writing Project will be ongoing!

Additions to Math and ELA Programming
- ELA: Geodes, K-2; inventory of leveled and thematic novels
- Math: Envisions 2020 (K-4), Big Ideas (5-8, including Advanced section material for grades 6,7 and Algebra)

Atlas-Rubicon Public Curriculum Site

Current and Next Steps Addressing Achievement Loss

Atlas-Rubicon Lesson Planning
- Universal SBS Lesson Plan Template grounded in the work of Madeline Hunter

Maintaining a school culture where "**every second counts**" while taking into account our students' social and emotional needs
- "Bell to bell" schedule
- Responsive Classroom/Morning Meeting versus extra recess
  - **Introduction to Responsive Classroom** Workshop on February PD Day

Middle School
- Establishment of **Middle School Grading Procedures** that support teachers, students, and parents
- Science teachers form SGO around reading; use of CommonLit
- Social Studies **DBQ Writing**; FSE purchase of DBQ online

Newly Established **Gifted and Talented Program** that Meets the Needs of Identified Learners

Looking Ahead: Next Steps Addressing Achievement Loss

After School Academic Support Program
- Providing "high quality, high intensity tutoring in small groups" to recommended students
- Data collected and growth measured using iReady (district goal)

Parents Role in Student Achievement (Presentation on Thursday, 2.23.23)
- Interpreting NJSLA, Start Strong, and CogAT Reports
- Making sense of my child's iReady & F and P progress
- Home-School Connection: Parent Portal, Google Classroom
- Reviewing middle school grading procedures-what should I see in my child's gradebook?

Middle School PLC and Faculty Meeting Times to reflect on and refine Middle School Grading Procedures
- Ex. The Power of the "Zero" in a gradebook
- Looking at how we assess student work (homework/classwork, quizzes, tests, large projects, published pieces of writing)

PLC Time at Each Grade Level
- Grade level novel inventories to launch reading workshop needs
- Designing effective rubrics that are aligned to the NJ Student Learning Standards and place a value on student input

Continued Partnership with the Teachers College Reading and Writing Project
- Purchase of Revised 2023 Units of Study in Reading
- Introduction to Writing Workshop-Fall 2023