



Start Strong: Fall 2022 Administration

Somerset Hills School District

January 25th, 2023

Support in Identifying Student Needs



Start Strong Fall 2022 assessments:

- Created in response to the disruption in education due to pandemic
- Were brief (45–60 minutes), in person, and provided quick results.
- Expressly designed as a standards-based complement to the resources used by educators in their classrooms to evaluate the needs of students
- Are analyzed alongside other important measures of student outcomes, like NJSLA, benchmark assessments, teacher-created formative assessments, and attendance data to provide a more complete perspective on resources, support, and student success.

Fall 2022 assessments <u>DO NOT</u>:

- Replace local standards-based benchmark assessments districts may already have in place.
- Replace the spring 2023 New Jersey Student Learning Assessments (NJSLA) statewide summative assessments or are predictive of their results.





- Start Strong results must be interpreted and used differently than NJSLA results.
- Based on a **subset** of prioritized **prior-year** academic standards to provide a data point on the level of support a student may need to engage in current grade-level content
- Used **released** high-quality items from the NJSLA item bank
- As a formative assessment the test contains efficient, fast-scored question types to produce on-demand results for educators no CRTs (Constructed Response Tasks), all computer scored, multiple-choice, and technology enhanced items.
- Could be administered in 45–60 minutes
- Item analysis reporting for teachers, including the item image and student responses, by the student and by item, as well as an Individual Student Report (ISR) for parents/guardians after the administration.



Start Strong Grade And Content Alignment

| If the student is currently enrolled in | the student is assigned the Start Strong |
|--|---|
| ELA Grade 4-10 and Math Grade 4-8 * <i>Note:</i> Grade 7 and 8 students taking HS mathematics courses are administered the Start Strong assessment for that course. | ELA exam that aligns with their current grade and is based on the previous year's content. MATH exam that aligns with their current grade and is based on the previous year's content. |
| Algebra I | ALG01 exam that is based on Grade 8 Math content with a focus on standards relevant to algebraic concepts |
| Geometry | GEO exam that is based on Grade 8 Math content with a focus on standards relevant to geometric concepts |
| Algebra II | ALG02 exam that is based on Algebra I content |
| Science Grade 6 | Science 6 exam that is based on Upper Elementary (Grade 3 through 5) Science content |
| Science Grade 9 | Science 9 exam that is based on Middle School Science content |
| Science Grade 12 | Science 12 exam that is based on High School Science content |



Start Strong Score Interpretation and Support Levels

The three support levels for the Start Strong Assessment are:

- Level 1: More Support (Strong Support) May Be Needed
- Level 2: Some Support May Be Needed

Level 3: Less Support May Be Needed

The support levels on the Start Strong Assessment are directly derived from the NJSLA performance levels. However, there is not a one-to-one mapping.

| Start Strong | NJSLA-ELA | NJSLA-Math | NJSLA-Science |
|---------------------------------|---|---|---|
| Support Levels | Performance Level | Performance Level | Performance Level |
| Strong Support May Be Needed | Did Not Yet Meet Expectations Partially Met Expectations | Did Not Yet Meet Expectations Partially Met Expectations | Below Proficient |
| Some Support | Approached | Approached | Near Proficiency |
| May Be Needed | Expectations | Expectations | |
| Less Support | Met expectations Exceeded | Met Expectations Exceeded | Proficient Advanced Proficiency |
| May Be Needed | expectations | Expectations | |



Somerset Hills School District's Number of Students Tested Start Strong Fall 2022 Administrations

| English Language Arts | Students Tested | Mathematics | Students Tested | Science | Students Tested |
|--------------------------|--------------------|-------------|--------------------|---------|--------------------|
| ELA04 | 94 | MAT04 | 94 | SC06 | 117 |
| ELA05 | 98 | MAT05 | 98 | SC09 | 200 |
| ELA06 | 117 | MAT06 | 117 | SC12 | 140 |
| ELA07 | 124 | MAT07 | 120 | Total | 457 |
| ELA08 | 118 | MAT08 | 62 | | |
| ELA09 | 191 | Algebra 1 | 187 | | |
| ELA10 | 204 | Geometry | 171 | | |
| Total | 946 | Algebra 2 | 211 | | |
| | | Total | 1060 | | |

Note: "Students Tested" represents individual valid test scores for English Language Arts, Mathematics and Science.



Somerset Hills School District's Start Strong Fall 2022 Administrations English Language Arts – Support Levels

| Grade | More Support Needed (Count) | More Support Needed (Percentage) | Some Support Needed (Count) | Some Support Needed (Percentage) | Less Support Needed (Count) | Less Support Needed (Percentage) |
|-------|-----------------------------------|--|-----------------------------------|--|-----------------------------------|--|
| 4 | 25 | 27% | 22 | 23% | 47 | 50% |
| 5 | 18 | 18% | 18 | 18% | 62 | 63% |
| 6 | 31 | 26% | 24 | 21% | 62 | 53% |
| 7 | 24 | 19% | 23 | 19% | 77 | 62% |
| 8 | 20 | 17% | 21 | 18% | 77 | 65% |
| 9 | 43 | 23% | 13 | 7% | 135 | 71% |
| 10 | 58 | 28% | 29 | 14% | 117 | 57% |

Note: Percentages may not total 100 due to rounding.

Critical Data Considerations: Results are for reporting purposes only. Due to earlier testing window in the Fall 2022, test results from 2021 and 2022 should not be used for direct comparison purposes.





Somerset Hills School District's Start Strong Fall 2022 Administrations Mathematics – Support Levels

| Grade | More Support Needed (Count) | More Support Needed (Percentage) | Some Support Needed (Count) | Some Support Needed (Percentage) | Less Support Needed (Count) | Less Support Needed (Percentage) |
|-------------|-----------------------------------|--|-----------------------------------|--|-----------------------------------|--|
| 4 | 28 | 30% | 24 | 26% | 42 | 45% |
| 5 | 28 | 29% | 18 | 18% | 52 | 53% |
| 6 | 28 | 24% | 38 | 32% | 51 | 44% |
| 7 | 24 | 20% | 43 | 36% | 53 | 44% |
| 8* | 20 | 32% | 26 | 42% | 16 | 26% |
| Algebra 1** | 79 | 42% | 47 | 25% | 61 | 33% |
| Geometry | 74 | 43% | 29 | 17% | 68 | 40% |
| Algebra 2 | 53 | 25% | 62 | 29% | 96 | 45% |

* Math 8 outcomes are not representative of grade 8 performance as a whole.

** Students beginning Algebra I and Geometry in the 2022–23 school year may have taken different mathematics courses depending on their individual course pathways. The Start Strong Assessments for Algebra I and Geometry are based on the Grade 8 learning standards.



Somerset Hills School District's Start Strong Fall 2022 Administrations Science – Support Levels

| Grade | More Support Needed (Count) | More Support Needed (Percentage) | Some Support Needed (Count) | Some Support Needed (Percentage) | Less Support Needed (Count) | Less Support Needed (Percentage) |
|-------|-----------------------------------|--|-----------------------------------|--|-----------------------------------|--|
| 6 | 28 | 24% | 42 | 36% | 47 | 40% |
| 9 | 60 | 30% | 94 | 47% | 46 | 23% |
| 12 | 55 | 39% | 26 | 19% | 59 | 42% |

Note: Percentages may not total 100 due to rounding. 2022 statewide student performance is not yet available for comparison.

Critical Data Considerations: Results are for reporting purposes only. Due to earlier testing window in the Fall 2022, test results from 2021 and 2022 should not be used for direct comparison purposes.

Results in Context: Grade 12 NJ SS Science 2022 results are not representative of the entire Grade 12 student population.



New Jersey Start Strong Fall 2021 Statewide Results (percentages)

| English Language Arts | Proficient (Less Support Needed), % NJ 2021 | Mathematics | Proficient (Less Support Needed), % NJ 2021 | Science | Proficient (Less Support Needed), % NJ 2021 |
|--------------------------|---|-------------|---|---------|---|
| ELA04 | 37% | MAT04 | 29% | SC06 | 23% |
| ELA05 | 48% | MAT05 | 24% | SC09 | 16% |
| ELA06 | 41% | MAT06 | 22% | SC12 | 27% |
| ELA07 | 47% | MAT07 | 24% | | |
| ELA08 | 50% | MAT08 | 18% | | |
| ELA09 | 54% | Algebra 1 | 16% | | |
| ELA10 | 55% | Geometry | 29% | | |
| | | Algebra 2 | 40% | | |

Note: NJ Start Strong 2022 statewide results are not yet available for comparison.





Somerset Hills School District's Subgroup Start Strong Fall 2022 Administrations **English Language Arts – Percentages**

| Subgroup | More Support Needed | Some Support Needed | Less Support Needed |
|--------------------------------------|------------------------|------------------------|------------------------|
| District Total (946) | 23% | 16% | 61% |
| Ethnicity | | | |
| Asian | 10% | 23% | 67% |
| Hispanic / Latino | 46% | 17% | 37% |
| White | 17% | 14% | 69% |
| Two or More Races | 7% | 14% | 79% |
| Other Demographics | | | |
| Students with Disabilities | 47% | 19% | 33% |
| English Language Learner: Current EL | 88% | 7% | 5% |
| English Language Learner: Former EL | 36% | 36% | 28% |
| Economically Disadvantaged | 56% | 18% | 26% |

Note: Subgroups included are those with over 10 students.



Somerset Hills School District's Subgroup Start Strong Fall 2022 Administrations **Mathematics – Percentages**

| Subgroup | More Support Needed | Some Support Needed | Less Support Needed |
|--------------------------------------|------------------------|------------------------|------------------------|
| District Total (1060) | 32% | 27% | 41% |
| Ethnicity | | | |
| Asian | 13% | 21% | 66% |
| Hispanic / Latino | 56% | 27% | 17% |
| White | 23% | 29% | 48% |
| Two or More Races | 22% | 13% | 64% |
| Other Demographics | | | |
| Students with Disabilities | 59% | 23% | 17% |
| English Language Learner: Current EL | 95% | 4% | 1% |
| English Language Learner: Former EL | 31% | 58% | 12% |
| Economically Disadvantaged | 67% | 22% | 11% |

Note: Subgroups included are those with over 10 students. .



| Somers Start | et Hills School Distri Strong Fall 2022 Adm Science – Percent | inistrations | |
|--------------------------------------|--|------------------------|------------------------|
| Subgroup | More Support Needed | Some Support Needed | Less Support Needed |
| District Total (457) | 31% | 35% | 33% |
| Ethnicity | | | |
| Asian | 20% | 43% | 37% |
| Hispanic / Latino | 61% | 25% | 14% |
| White | 21% | 39% | 40% |
| Two or More Races | 8% | 42% | 50% |
| Other Demographics | | | |
| Students with Disabilities | 60% | 21% | 19% |
| English Language Learner: Current EL | 95% | 5% | 0% |
| English Language Learner: Former EL | 45% | 45% | 9% |
| Economically Disadvantaged | 71% | 26% | 3% |

Note: Subgroups included are those with over 10 students.



Observations on student learning and Next Steps

- When compared to State results currently available (Fall of 2021), SHSD results from the Fall of 2022 indicate a smaller percentage of students who are identified as *More Support Needed*Results are used by teachers and administrators to target necessary supports for individual students
- Analysis of student testing data informs certified staff goals and targets professional learning
 Expand implementation of reliable formative assessments (e.g. CommonLit and i-Ready Diagnostic)
- •Continue Sheltered Instruction Observation Protocol (SIOP) training to support English Language Learners
- Continue existing/develop additional summer and extended day programming for identified students, appropriately leveraging all available funding (Title funds, ESSER II/ARP monies)
 Intervention & Referral Services (I&RS) teams will use data to support decision-making
 Continue to consider assessment data to inform curricular decision-making



Start strong Individual Student Reports (ISRs)

- Individual Student Reports from the Start Strong assessments provide parents with information on key areas in which their student may need more support.
- Printed copies of the NJ Start Strong Individual Student Reports were mailed home to parents on January 5th.

| Individual Student Report English Language Arts Assessment Report English Language Arts Assessment Resourd The Start Strong ELA Assessment measures reading content taught over the prior school year. This assessme provides an indication of the level of support your student may require during this academic year. Visit the NJ Parent Portal at nj-results pearsonaccessnext.com and use this code to access your student's resul crime. Trep84FXD5nr What do the results for FIRSTNAME indicate? Level 3 Less Support May Be Needed Level 1 Strong Support May Be Needed Level 1 Strong Support May Be Needed Level 1 Strong Support May Be Needed Level 1 Level 2 Level 3 The report suggests Firstnakt may require less support in Grade 3 reading comprehension. The Start Strong ELA Assessment measures reading comprehension of literary and informational passages. Students reading content during this school year. After reading this report, consider scher or discriber or discribere or discriber or discribe | KONG SID: 0 | STNAME M. LASTNAMI Fail 2021 Grade: 4 123456789 DOB: 01/01/999 Identification: 987654321 SAMPLE SCHOOL NAM SAMPLE DISTRICT NAMI |
|---|--|--|
| The start Strong ELA Assessment measures reading content taught over the prior school year. This assessme provides an indication of the level of support your student may require during this academic year. Visit the NJ Parent Portal at <u>ni-results pearsonaccesspent com</u> and use this code to access your student's resulonine. ZrgP84FXD5nr What do the results for FIRSTNAME indicate? Level 3 Less Support May Be Needed Level 3 Less Support May Be Needed Level 1 Strong Support May Be Needed Level 1 Strong Support May Be Needed Level 1 Strong Support May Be Needed Level 3 Level 3 Level 3 Level 3 Level 1 Strong Support May Be Needed Level 1 Strong Support May Be Needed Level 1 Strong Support May Be Needed Level 3 Level 3 Level 1 Level 3 Level 3 Level 1 Level 3 Level 1 Level 3 Level 3 Level 3 Level 3 Level 3 Level 3 Level 3 Level 4 Level 4 Level 3 Level 4 Level 3 Level 4 Level 4 Level 5 Level 4 Level 4 Level 4 Level 4 Level 5 Level 4 Level 4 Leve | Individual Student Report | |
| provides an indication of the level of support your student may require during this academic year. Visit the NJ Parent Portal at nj-results.pearsonaccessnewt.com and use this code to access your student's resulting PAFXD5nr What do the results for FIRSTNAME indicate? Level 3 Less Support May Be Needed Level 3 Level 4 Level 3 Level 3 Level 3 Level 3 Level 4 Level 3 Level 3 Level 3 Level 4 Level 3 Level 3 Level 3 Level 3 Level 4 Lev | ge Arts Assessment Report | |
| What do the results for FIRSTNAME indicate? Level 3 Less Support May Be Needed Level 3 Less Support May Be Needed Level 3 Score Support Needed Score Support Needed Score Support Needed Score Store Score Support Needed Score Scor | of the level of support your student may require during the | his academic year. |
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| Level 1 Level 2 Level 3 Level 3 Level 4 Level 4 Level 5 Level 4 Le | ay Be Needed | ome Support May Be Needed |
| Level 1 Level 2 Level 3 The report suggests FirstNAME may require less support in Grade 3 reading comprehension. The Start Strong ELA Assessment measures reading comprehension of literary and informational passages. Students read authentic texts - both fiction and nonfiction, draw evidence from texts, and determine the meaning of words and phrases. The assessment is built to identify unfinished learning opportunities and to inform a support plan that will he your student master reading content during this school year. After reading this report, consider scheduling a meeting with your student to the Start Storg ELA Assessment. These results, along with teacher observations and assignments in reading and writing, can provide additional information beyond the Start Storg ELA Assessment results. | Level 1 5 | and ashhare well as meaner |
| The Start Strong ELA Assessment measures reading comprehension of literary and informational passages. Students read authentic texts - both fiction and nonfiction, draw evidence from texts, and determine the meaning of words and phrases. The assessment is built to identify unfinished learning opportunities and to inform a support plan that will he your student master reading content during this school year. After reading this report, consider scheduling a meeting with your student steacher or attending parent-teacher conferences. Many school districts administ other assessments in addition to the Start Strong ELA Assessment. These results, along with teacher observations and assignments in reading and writing, can provide additional information beyond the Start Str ELA Assessment results. | | Your student's score |
| Side 2 of this report provides scores on your student's performance in reading. | 8 11 | Your student's score |
| | al 1 al 11 Instructure may require less support in Grade 3 reading comprei sessment measures reading comprehension of literary and ini- t texts – both fiction and nonfiction, draw evidence from texts, phrases. to identify unfinished learning opportunities and to inform a ading content during this school year. After reading this repor- lent's teacher or attending parent-teacher conferences. Many s didition to the Start Strong ELA Assessment. These results, alor ments in reading and writing, can provide additional informant | Your student's score 18 evel 3 A hension. formational passages. and determine the support plan that will help consider scheduling a chool districts administer ig with teacher |
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