



**Start Strong:
Fall 2022 Administrations
Lopatcong Township School District
Wednesday, February 15, 2023**

**Support in
Identifying
Student
Needs**





Start Strong Assessment Overview



Start Strong Fall 2022 assessments:

- Produced information to be used as a standards-based complement to the resources used by educators in their classrooms to evaluate the needs of students.
- Were administered quickly, in person, and provided immediate results.

Start Strong Fall 2022 assessments do not:

- 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 Test Design



- 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 grade-level content.
 - Example: Grade 5 ELA Start Strong assessment is aligned to a subset of the NJSLS for Grade 4 ELA.
 - Example: Algebra I Start Strong assessment is aligned to Grade 8 learning standards relevant to algebraic concepts.
- Used **released** high-quality items from the NJSLA item bank
- Contained efficient question types to produce on-demand results for educators
- Could be administered in 45–60 minutes

Note: The test design, which allowed for shortened testing time and immediate results, means that Start Strong results must be interpreted and used differently than NJSLA results. They do not cover the breadth and depth of standards as seen on the NJSLA and do not support the same comparisons or inferences about student proficiency.



Start Strong Grade And Content Alignment (1 of 4)

English language arts - Grade Enrollment



| If the student is currently enrolled in... | the student should be assigned the Start Strong... | which is based on... |
|--|--|----------------------|
| Grade 4 | ELA04 | Grade 3 ELA content |
| Grade 5 | ELA05 | Grade 4 ELA content |
| Grade 6 | ELA06 | Grade 5 ELA content |
| Grade 7 | ELA07 | Grade 6 ELA content |
| Grade 8 | ELA08 | Grade 7 ELA content |



Start Strong Grade And Content Alignment (2 of 4)



Mathematics – Grade Enrollment

| If the student is currently enrolled in... | the student should be assigned the Start Strong... | which is based on... | and the student should be provided the... | and... |
|--|--|----------------------|---|--------------------------|
| Grade 4 | MAT04 | Grade 3 Math content | N/A | No calculator |
| Grade 5 | MAT05 | Grade 4 Math content | N/A | No calculator |
| Grade 6 | MAT06 | Grade 5 Math content | Start Strong Math Grade 6 Mathematics Reference Sheet | No calculator |
| Grade 7 | MAT07 | Grade 6 Math content | Start Strong Math Grade 7 Mathematics Reference Sheet | Four-function calculator |
| Grade 8 | MAT08 | Grade 7 Math content | Start Strong Math Grade 8 Mathematics Reference Sheet | Four-function calculator |



Start Strong Grade And Content Alignment (4 of 4)



Science – Grade Enrollment

| If the student is currently enrolled in... | the student should be assigned the Start Strong... | which is based on... | and should be provided with the... | and... |
|--|--|-----------------------------------|------------------------------------|--------------------------|
| Grade 6 | SC06 | Grade 3 through 5 Science content | N/A | Four-function calculator |



Lopatcong School District Number of Students Tested Start Strong Fall 2022 Administrations



| English Language Arts | Students Tested |
|-----------------------|-----------------|
| ELA04 | 69 |
| ELA05 | 83 |
| ELA06 | 88 |
| ELA07 | 91 |
| ELA08 | 96 |
| Total | 427 |

| Mathematics | Students Tested |
|--------------|-----------------|
| MAT04 | 69 |
| MAT05 | 83 |
| MAT06 | 88 |
| MAT07 | 91 |
| MAT08 | 96 |
| Total | 427 |

| Science | Students Tested |
|--------------|-----------------|
| SC06 | 88 |
| Total | 88 |

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



Lopatcong School District
 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 | 22 | 32% | 21 | 30% | 26 | 38% |
| 5 | 17 | 20% | 22 | 27% | 44 | 53% |
| 6 | 33 | 38% | 21 | 24% | 34 | 39% |
| 7 | 23 | 25% | 24 | 26% | 44 | 48% |
| 8 | 26 | 27% | 20 | 21% | 50 | 52% |

Note: Percentages may not total 100 due to rounding.



Lopatcong School District
 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 | 27 | 39% | 23 | 33% | 19 | 28% |
| 5 | 43 | 52% | 14 | 17% | 26 | 31% |
| 6 | 33 | 38% | 28 | 32% | 27 | 31% |
| 7 | 32 | 35% | 24 | 26% | 35 | 38% |
| 8 | 27 | 28% | 29 | 30% | 40 | 42% |



Lopatcong School District
 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 | 37 | 42% | 35 | 40% | 16 | 18% |

Note: Percentages may not total 100 due to rounding.



Lopatcong School District
Subgroup
Start Strong Fall 2022 Administrations
English Language Arts – Percentages



| Subgroup | More Support Needed | Some Support Needed | Less Support Needed |
|--|---------------------|------------------------|------------------------|
| District | 28% | 25% | 46% |
| Male | 32% | 27% | 42% |
| Female | 25% | 24% | 52% |
| American Indian/Alaska Native | 9 Students or Fewer | N/A9 Students or Fewer | N/A9 Students or Fewer |
| Asian | 6% | 23% | 71% |
| Black/African America | 38% | 29% | 33% |
| Hispanic or Latino | 42% | 26% | 32% |
| Native Hawaiian/Other Pacific Islander | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| White | 25% | 25% | 50% |
| IEP | 69% | 15% | 15% |
| 504 | 26% | 43% | 30% |
| Economically Disadvantaged | 49% | 20% | 31% |
| Non-Economically Disadvantaged | 27% | 26% | 48% |
| Current/Formal ELL | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |

Note: Percentages may not total 100 due to rounding.



Lopatcong School District
Subgroup
Start Strong Fall 2022 Administrations
Mathematics – Percentages



| Subgroup | More Support Needed | Some Support Needed | Less Support Needed |
|--|----------------------------|----------------------------|----------------------------|
| District | 38% | 28% | 34% |
| Male | 39% | 27% | 33% |
| Female | 37% | 38% | 35% |
| American Indian/Alaska Native | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| Asian | 29% | 19% | 52% |
| Black/African America | 50% | 30% | 20% |
| Hispanic or Latino | 47% | 23% | 30% |
| Native Hawaiian/Other Pacific Islander | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| White | 33% | 28% | 38% |
| IEP | 69% | 20% | 11% |
| 504 | 48% | 43% | 9% |
| Economically Disadvantaged | 51% | 29% | 20% |
| Non-Economically Disadvantaged | 37% | 28% | 36% |
| Current/Former ELL | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |



Note: Percentages may not total 100 due to rounding.

Lopatcong School District
 Subgroup
 Start Strong Fall 2022 Administrations
 Science – Percentages



| Subgroup | More Support Needed | Some Support Needed | Less Support Needed |
|--|---------------------|---------------------|---------------------|
| District | 42% | 40% | 18% |
| Male | 33% | 43% | 24% |
| Female | 54% | 36% | 10% |
| American Indian/Alaska Native | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| Asian | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| Black/African America | 47% | 47% | 6% |
| Hispanic or Latino | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| Native Hawaiian/Other Pacific Islander | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| White | 33% | 39% | 23% |
| IEP | 71% | 29% | 0% |
| 504 | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| Economically Disadvantaged | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| Non-Economically Disadvantaged | 40% | 42% | 18% |
| Current/Formal ELL | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |



Note: Percentages may not total 100 due to rounding.



Notable Achievements



- Percentage of “Less Support Needed” for ELA in Grades 4-8 is higher than the percentage of “Some Support Needed” and “More Support Needed”
- Percentage of “Less Support Needed” for Math in Grades 7 and 8 is higher than the percentage of “Some Support Needed” and “More Support Needed”
- Percentage of “Less Support/Some Support Needed” for ELA in Grades 4-8 higher than “More Support Needed”
- Percentage of “Less Support/Some Support Needed” for Math in Grades 4, 6, 7 and 8 higher than “More Support Needed”
- Percentage of “Less Support/Some Support Needed” for Science in Grades 6 higher than “More Support Needed”



Intervention Strategies - Elementary School



- myView Literacy Program Grades K-3, including research-based Foundational Skills Program
- myView Digital Component with diagnostic assessment and data analysis to drive instruction
- myView Professional Development for classroom, special education, and intervention teachers
- Foundations programs for grades K-3 to supplement phonics instruction and extra support for students
- IXL ELA for Grade 4, to build knowledge and remediate gaps
- Panther Time scheduled for all grade levels for Academic Support and Enrichment
- STEAM curriculum updates, incorporating all content areas
- Two additional academic support teachers
- Grade Level Digital Data Walls for student data analysis and progress monitoring
- Spark Math online assessments for 4th grade to track progress and analyze student data and math coach for support
- Zearn Math for reinforcement and intervention for Eureka Grades K-4
- One to One chromebooks for all students
- Mystery Science for Grades K-4, including cross curricular activities
- Professional Learning Communities - common planning time for teachers - data analysis meetings
- Full Day Kindergarten, promoting learning acceleration in early primary grades





Intervention Strategies - Middle School



- Curriculum updated for ELA, Math, and Science
- Unit assessments aligned to reflect rigor of standards
- Increased instructional time for Math and ELA
- Math and ELA Coach support for staff
- STAR Assessment
- Book Room expansion (leveled titles for book clubs and independent reading)
- Academic Support teacher to address gaps in ELA and Math
- STEAM class to promote inquiry and critical thinking
- Zearn Math for reinforcement and intervention for Eureka
- Professional Learning Communities - common planning time for teachers
- data analysis
- Development of mid-year benchmarks
- Data meetings

