



**Start Strong:
Fall 2022
Administrations
Lenape Valley Regional
January 17, 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

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 9	ELA09	Grade 8 ELA content
Grade 10	ELA10	Grade 9 ELA content



Start Strong Grade And Content Alignment

Mathematics – Course Enrollment



If the student is currently enrolled...	the student should be assigned the Start Strong...	which is based on...	and the student should be provided with the...	and...
Algebra I	ALG01	Grade 8 Math content with a focus on standards relevant to algebraic concepts	Start Strong Algebra I and Geometry Mathematics Reference Sheet	Scientific calculator
Geometry	GEO01	Grade 8 Math content with a focus on standards relevant to geometric concepts	Start Strong Algebra I and Geometry Mathematics Reference Sheet	Scientific calculator
Algebra II	ALG02	Algebra I content	Start Strong Algebra II Mathematics Reference Sheet	Graphing calculator



Start Strong Grade And Content Alignment

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 9	SC09	Middle School Science content	Periodic Table of Elements	Scientific calculator
Grade 12	SC12	High School Science content	Periodic Table of Elements	Graphing calculator



Start Strong Result Interpretation Considerations (1 of 2)



- When publicly reporting assessment results, consider the impacts of COVID-19 on learning.
- Districts **should not** compare any individual student/school/district Start Strong data to any NJSLA data.
- Please note that the Start Strong assessments were **not** designed to predict future student performance on the NJSLA, nor was it designed to estimate what score a student would have received if they had taken the NJSLA in spring 2022.



Start Strong Result Interpretation Considerations (2 of 2)



Start Strong assessments provide a data point to support:

- District-level curriculum planning and revisiting prerequisite concepts and skills
- Evaluating scope and sequence based on distribution of student support needs
- Providing professional learning supports for differentiation and scaffolding based on student results, aligned to principles and practices outlined in the [NJDOE Learning Acceleration Guide](#)
- Using the Individual Student Reports (ISRs) for conversations between parents and educators on where their child might need support at the beginning of the school year





District And School Context That Impacted Start Strong Data



- The Department encourages districts to clearly and prominently provide information about the context of Start Strong data, including its limitations as a result of the pandemic or other factors.
- As always, assessment data should be analyzed alongside other important measures of student outcomes, like benchmark assessments, teacher-created formative assessments, and attendance data to provide a more complete perspective on resources, support, and student success.

Lenape Valley Regional High School District's Number of Students Tested Start Strong Fall 2022 Administrations



English Language Arts	Students Tested
ELA09	161
ELA10	146
Total	305

Mathematics	Students Tested
Algebra 1	146
Geometry	141
Algebra 2	130
Total	417

Science	Students Tested
SC09	160
SC12	135
Total	295

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



Lenape Valley Regional High 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)
9	48	30%	31	19%	82	51%
10	48	33%	34	23%	64	44%

Note: Percentages may not total 100 due to rounding.



Lenape Valley Regional High 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)
Algebra 1	84	58%	40	27%	22	15%
Geometry	41	29%	34	24%	66	47%
Algebra 2	34	26%	50	38%	46	35%



Lenape Valley Regional High 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)
9	49	31%	84	53%	27	17%
12	67	50%	38	28%	30	22%

Note: Percentages may not total 100 due to rounding.



Lenape Valley Regional High School District's
 Subgroup
 Start Strong Fall 2022 Administrations
English Language Arts – Percentages



Subgroup	More Support Needed	Some Support Needed	Less Support Needed
Female	26%	22%	52%
Male	36%	21%	43%
Hispanic or Latino	49%	19%	33%
White	28%	21%	51%
Two or More Races	18%	36%	45%
IEP	49%	26%	25%
504	25%	30%	45%
Economically Disadvantaged	46%	21%	33%
Non-Economically Disadvantaged	30%	21%	49%



Lenape Valley Regional High School District's
 Subgroup
 Start Strong Fall 2022 Administrations
 Mathematics – Percentages



Subgroup	More Support Needed	Some Support Needed	Less Support Needed
Female	38%	33%	29%
Male	38%	27%	35%
Asian	10%	40%	50%
Black / African American	50%	20%	30%
Hispanic or Latino	54%	26%	20%
White	32%	31%	36%
Two or More Races	55%	18%	27%
IEP	68%	22%	10%
504	41%	41%	19%
Current ELL	87%	13%	0%
Economically Disadvantaged	43%	31%	26%
Non-Economically Disadvantaged	38%	30%	33%



Lenape Valley Regional High School District's
 Subgroup
 Start Strong Fall 2022 Administrations
 Science – Percentages



Subgroup	More Support Needed	Some Support Needed	Less Support Needed
Female	45%	40%	15%
Male	33%	42%	24%
Hispanic or Latino	49%	42%	9%
White	36%	41%	22%
IEP	63%	33%	5%
504	48%	24%	28%
Economically Disadvantaged	57%	32%	11%
Non-Economically Disadvantaged	37%	42%	20%





Intervention Strategies



- After School Extra Help with certificated instructors
 - ELA, Math, Science, Social Studies
- Returned of additional leveling of instruction
 - CP as well as CPA courses across multiple instructional areas
- LinkIt! Diagnostic Testing
 - Provide additional insight/resources for ELA and Mathematics Instruction
- NHS Peer-to-Peer Lunch Tutoring

