

Fall 2021 Start Strong

Ramapo Indian Hills Reg High School District
February 8, 2022

**Support in
Identifying
Student Needs**

Start Strong Assessment Overview

Start Strong Fall 2021 Assessments

- As determined by the U.S. Department of Education, the administration of Start Strong satisfied federal statewide assessment requirements to administer general assessments in English language arts, mathematics, and science only for the 2020-2021 school year. The spring NJSLA schedule will resume for the 2021-2022 school year.
- Used **released** high-quality items from the NJSLA item bank
- Contained efficient machine-scored question types to produce on-demand results for educators
- Administered in 45–60 minutes
- The shortened time and immediate results for educators means the results must be interpreted and used differently than NJSLA results

Start Strong Fall 2021 Assessments Do Not

- Replace local standards-based benchmark assessments districts may already have in place
- Replace the Spring 2022 New Jersey Student Learning Assessments (NJSLA) statewide summative assessments or are predictive of their results
- 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

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.

Content Area	Grade/Course in SY 2021 - 2022	Content of the Assessment
English Language Arts (ELA)	<ul style="list-style-type: none">• Grade 9• Grade 10	<ul style="list-style-type: none">• Grade 8• Grade 9
Mathematics	<ul style="list-style-type: none">• Algebra 1• Geometry• Algebra 2	<ul style="list-style-type: none">• Grade 8*• Grade 8*• Algebra 1
Science	<ul style="list-style-type: none">• Grade 9• Grade 12	<ul style="list-style-type: none">• Grades 6–8• Grades 9–11

**Students beginning Algebra I, Geometry, and/or Algebra II in the 2021–2022 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 and, therefore, measure some of the same concepts. The Start Strong Assessment for Algebra 1 contains more items from the Grade 8 learning standards relevant to algebraic concepts, and the Start Strong Assessment for Geometry contains more items from the Grade 8 learning standards relevant to geometry concepts.*

Ramapo Indian Hills Regional High School District

Start Strong Fall 2021 Administration Considerations

- Districts should **not** compare school or district Start Strong data to any state-level Start Strong data
- Comparisons cannot be made between Start Strong data and NJSLA data
- Start Strong assessments were **not** designed to predict future student performance on the NJSLA, nor was it designed to estimate what score a student have have received if they had taken the NJSLA in the Spring of 2021.
- Start Strong Assessments provided a **data point** to support:
 - Instructional planning to revisit prerequisite concepts and skills
 - Evaluating scope and sequence based on student support needs
 - Providing professional learning supports for differentiation and scaffolding based on student results
 - Conversations between parents and educators on where their child may need additional support
- Start Strong assessment data is used in conjunction with formative assessments, summative assessments, and benchmark assessments to provide a more complete analysis of a student's performance in a class.
- n = 20 for accountability purposes, n = 10 for reporting purposes (e.g. public reporting)

Ramapo Indian Hills Regional High School District

Number of Students Tested

Start Strong Fall 2021 Administration

English Language Arts	Students Tested	Mathematics	Students Tested	Science	Students Tested
ELA09	441	Algebra I	268	SC09	443
ELA10	486	Geometry	446	SC12	556
		Algebra II	505		
Total	927	Total	1,219	Total	999

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

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Start Strong Fall 2021 Administration

ELA – Support Levels & District / School Comparisons

ELA	Student Count (Valid Scores)	More Support Needed (Count)	More Support Needed (Percentage)	Some Support Needed (Count)	Some Support Needed (Percentage)	Less Support Needed (Count)	Less Support Needed (Percentage)
ELA 9 - District	441	85	19.3%	59	13.4%	297	67.3%
ELA 9 - IHHS	174	30	17.2%	22	12.6%	122	70.1%
ELA 9 - RHS	267	55	20.6%	37	13.9%	175	65.5%
ELA 10 - District	486	94	19.3%	123	26.5%	269	55.3%
ELA 10 - IHHS	199	33	16.6%	50	25.1%	116	58.3%
ELA 10 - RHS	287	61	21.3%	73	25.4%	153	53.3%

Percentages may not add up to 100% due to rounding

Ramapo Indian Hills Regional High School District

Start Strong Fall 2021 Administration

Mathematics – Support Levels & District / School Comparisons

Mathematics	Student Count (Valid Scores)	More Support Needed (Count)	More Support Needed (Percentage)	Some Support Needed (Count)	Some Support Needed (Percentage)	Less Support Needed (Count)	Less Support Needed (Percentage)
Alg 1 - District	268	137	51.2%	84	31.3%	47	17.5%
Alg 1 - IHHS	123	64	52%	31	25.2%	28	22.8%
Alg 1 - RHS	145	73	50.3%	53	36.6%	19	13.1%
Geo - District	446	129	28.9%	133	29.8%	184	41.3%
Geo - IHHS	189	51	27%	54	28.6%	84	44.4%
Geo - RHS	257	78	30.4%	79	30.7%	100	39%

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Start Strong Fall 2021 Administration

Mathematics – Support Levels & District / School Comparisons

Mathematics	Student Count (Valid Scores)	More Support Needed (Count)	More Support Needed (Percentage)	Some Support Needed (Count)	Some Support Needed (Percentage)	Less Support Needed (Count)	Less Support Needed (Percentage)
Alg 2 - District	505	75	14.9%	153	30.3%	277	54.9%
Alg 2 - IHHS	189	29	15.3%	47	24.9%	113	59.8%
Alg 2 - RHS	316	46	14.6%	106	33.5%	164	51.9%

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Start Strong Fall 2021 Administration

Science – Support Levels & District / School Comparisons

Science	Student Count (Valid Scores)	More Support Needed (Count)	More Support Needed (Percentage)	Some Support Needed (Count)	Some Support Needed (Percentage)	Less Support Needed (Count)	Less Support Needed (Percentage)
Sci 9 - District	438	81	18.5%	225	51.4%	132	30.1%
Sci 9 - IHHS	172	33	19.2%	87	50.6%	52	30.2%
Sci 9 - RHS	266	48	18%	138	51.9%	80	30.1%
Sci 12	556	130	23.4%	141	25.4%	285	51.3%
Sci 12 - IHHS	238	59	24.8%	61	25.6%	118	49.6%
Sci 12 - RHS	318	71	22.3%	80	25.2%	167	52.5%

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Ramapo Indian Hills Regional High School District

Start Strong Fall 2021 Administration

Subgroup Support Levels

Test / Content Area	More Support Needed	Some Support Needed	Less Support Needed
District			
Students with Disabilities			
Ethnicity / Race			
Economically Disadvantaged			
ELL Status			

*n = 10 for
Reporting Purposes*

This slide intentionally does not contain data and describes the content on the upcoming slides.

Ramapo Indian Hills Regional High School District
Start Strong Fall 2021 Administration
English Language Arts Grade 9- Subgroup Percentages

ELA Grade 9	More Support Needed	Some Support Needed	Less Support Needed
District	19.3%	13.4%	67.3%
IEP	44%	21%	35%
504	17%	8%	75%
Asian	0%	11%	89%
Hispanic or Latino	33%	13%	54%
White	19%	13%	68%
Two or More Races	0%	22%	78%

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Ramapo Indian Hills Regional High School District
Start Strong Fall 2021 Administration
English Language Arts Grade 10- Subgroup Percentages

ELA Grade 10	More Support Needed	Some Support Needed	Less Support Needed
District	19.3%	26.5%	55.3%
IEP	33%	35%	33%
504	22%	22%	56%
Asian	12%	8%	80%
Hispanic or Latino	39%	14%	46%
White	19%	27%	54%
Two or More Races	7%	20%	73%
Economically Disadvantaged	58%	25%	17%

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Ramapo Indian Hills Regional High School District
Start Strong Fall 2021 Administration
Algebra 1 - Subgroup Percentages

Algebra 1	More Support Needed	Some Support Needed	Less Support Needed
District	51.2%	31.3%	17.5%
IEP	74%	20%	7%
Asian	38%	25%	38%
Hispanic or Latino	60%	31%	9%
White	50%	32%	18%

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Ramapo Indian Hills Regional High School District
Start Strong Fall 2021 Administration
Geometry - Subgroup Percentages

Geometry	More Support Needed	Some Support Needed	Less Support Needed
District	28.9%	29.8%	41.3%
IEP	60%	19%	20%
504	35%	45%	20%
Asian	6%	31%	63%
Black or African American	57%	43%	0%
Hispanic or Latino	34%	43%	23%
White	28%	29%	43%
Two or More Races	50%	17%	33%
Economically Disadvantaged	46%	46%	8%

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Ramapo Indian Hills Regional High School District
Start Strong Fall 2021 Administration
Algebra 2 - Subgroup Percentages

Algebra 2	More Support Needed	Some Support Needed	Less Support Needed
District	14.9%	30.3%	54.9%
IEP	41%	42%	18%
504	11%	34%	54%
Asian	6%	11%	83%
Hispanic or Latino	29%	29%	42%
White	14%	31%	54%
Two or More Races	8%	15%	77%

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Ramapo Indian Hills Regional High School District
Start Strong Fall 2021 Administration
Science 9 - Subgroup Percentages

Science 9	More Support Needed	Some Support Needed	Less Support Needed
District	18.5%	51.4%	30.1%
IEP	49%	46%	5%
504	18%	45%	36%
Asian	0%	56%	44%
Hispanic or Latino	39%	45%	16%
White	17%	54%	31%
Two or More Races	0%	44%	56%

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Ramapo Indian Hills Regional High School District
Start Strong Fall 2021 Administration
Science 12 - Subgroup Percentages

Science 12	More Support Needed	Some Support Needed	Less Support Needed
District	23.4%	25.4%	51.3%
IEP	59%	24%	17%
504	17%	17%	67%
Asian	3%	7%	90%
Black or African American	57%	29%	14%
Hispanic or Latino	31%	34%	34%
White	24%	26%	50%
Two or More Races	11%	26%	63%

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Ramapo Indian Hills Regional High School District

Start Strong Fall 2021 Administration

Notable Achievements

- High participation rate among students across all content areas and subject areas
- Results were immediately available to teachers including the Overall Level of Support, Results by Question / Standard Report, and Individual Student Performance Report
- Constructive conversations and analysis of data at multiple levels in the District
- Gain an understanding of the assessment questions, tested standards, scope of the assessments, and the students tested by subject area and grade level
- Identify trends among the data for the District
- Subgroup analysis has led to additional discussion to best support students and target identified needs

Ramapo Indian Hills Regional High School District

Start Strong Fall 2021 Administration

Intervention Strategies

- Teachers can target instruction to develop students' skills and understandings in a particular area of focus
- Use “Do Nows” to prepare the students and scaffold instruction
- Use diagnostic and formative assessments to identify learning gaps, provide targeted review, and scaffold and differentiate instruction
- Model question types and format throughout the course of the year (Utilize the [NJDOE Digital Item Library](#))
- Recommend students for the After School Academic Assistance Program
- Continue to work on persistence, critical-thinking, and problem-solving skills
- Reading for comprehension, analysis, and application

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Start Strong Fall 2021 Administration

Intervention Strategies

- Identify standards that are revisited and built upon for continual reinforcement, scaffolding, and differentiation (Mathematics)
- Target scientific literacy skills, problem-solving, critical thinking, and reading comprehension (Science)
- Further integration and assessment practices of disciplinary core ideas, cross-cutting concepts, and science and engineering practices (Science)
- Back to Basics approach - Making use of Study Guides, Reading Passages, Writing **and** Reading Conferences, Vocabulary and Contextual Clues (English)

Ramapo Indian Hills Regional High School District

New Jersey State Testing

Next Steps

- New Jersey Graduation Proficiency Assessment (NJGPA)
 - All 11th Grade Students
 - Math (2 units) and English Language Arts (3 units)
 - Week of March 14 (Make-ups during week of March 21)
 - Required for HS Graduation Assessment Requirement
 - Comply with State Law

- New Jersey Student Learning Assessment (NJSLA)
 - All 9th Grade Students - Math (Alg 1, Geo, or Alg 2) and ELA
 - All 11th Grade Students - Science
 - Week of May 9 (Make-ups during week of May 16)
 - Required for Federal accountability and evaluated through NJQSAC

Please see the [District's Testing Information Webpage](#) for additional information about the District's Assessment Schedule and NJDOE HS Graduation Assessment Requirements

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