

Start Strong: Fall 2021 Administrations

Keansburg School District
January 18, 2022

Support in
Identifying
Student Needs

Start Strong Assessment Overview

Start Strong Fall 2021 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.

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.

Start Strong Fall 2021 assessments do not:

Replace local standards-based benchmark assessments districts have in place.

Replace the spring 2022 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 NJSLA 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

Content Area	Grade/Course in SY 2021 - 2022	Content of the Assessment
English Language Arts (ELA)	<ul style="list-style-type: none"> • Grade 4 • Grade 5 • Grade 6 • Grade 7 • Grade 8 • Grade 9 • Grade 10 	<ul style="list-style-type: none"> • Grade 3 • Grade 4 • Grade 5 • Grade 6 • Grade 7 • Grade 8 • Grade 9
Mathematics	<ul style="list-style-type: none"> • Grade 4 • Grade 5 • Grade 6 • Grade 7 • Grade 8 • Algebra 1 • Geometry • Algebra 2 	<ul style="list-style-type: none"> • Grade 3 • Grade 4 • Grade 5 • Grade 6 • Grade 7 • Grade 8* • Grade 8* • Algebra 1
Science	<ul style="list-style-type: none"> • Grade 6 • Grade 9 • Grade 12 	<ul style="list-style-type: none"> • Grades 3–5 • 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.

Start Strong Result Interpretation Considerations

When publicly reporting assessment results, consider the impacts of COVID-19 on learning and testing conditions, as well as the impact on student participation in the assessments, which were administered in person.

Districts **should not** compare any individual student/school/district Start Strong data to any state-level data for Start Strong, nor should comparisons be made 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 2021.

Start Strong Result Interpretation Considerations, Continued

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

Keansburg School District's Number of Students Tested Start Strong Fall 2021 Administrations

English Language Arts	Students Tested	Mathematics	Students Tested	Science	Students Tested
ELA04	122	MAT04	118		
ELA05	109	MAT05	111		
ELA06	109	MAT06	107	SC06	111
ELA07	100	MAT07	100		
ELA08	113	MAT08	93		
ELA09	90	Algebra I (HS & MS)	122	SC09	92
ELA10	90	Geometry	95		
		Algebra II	68	SC12	79
Total	733	Total	814	Total	282

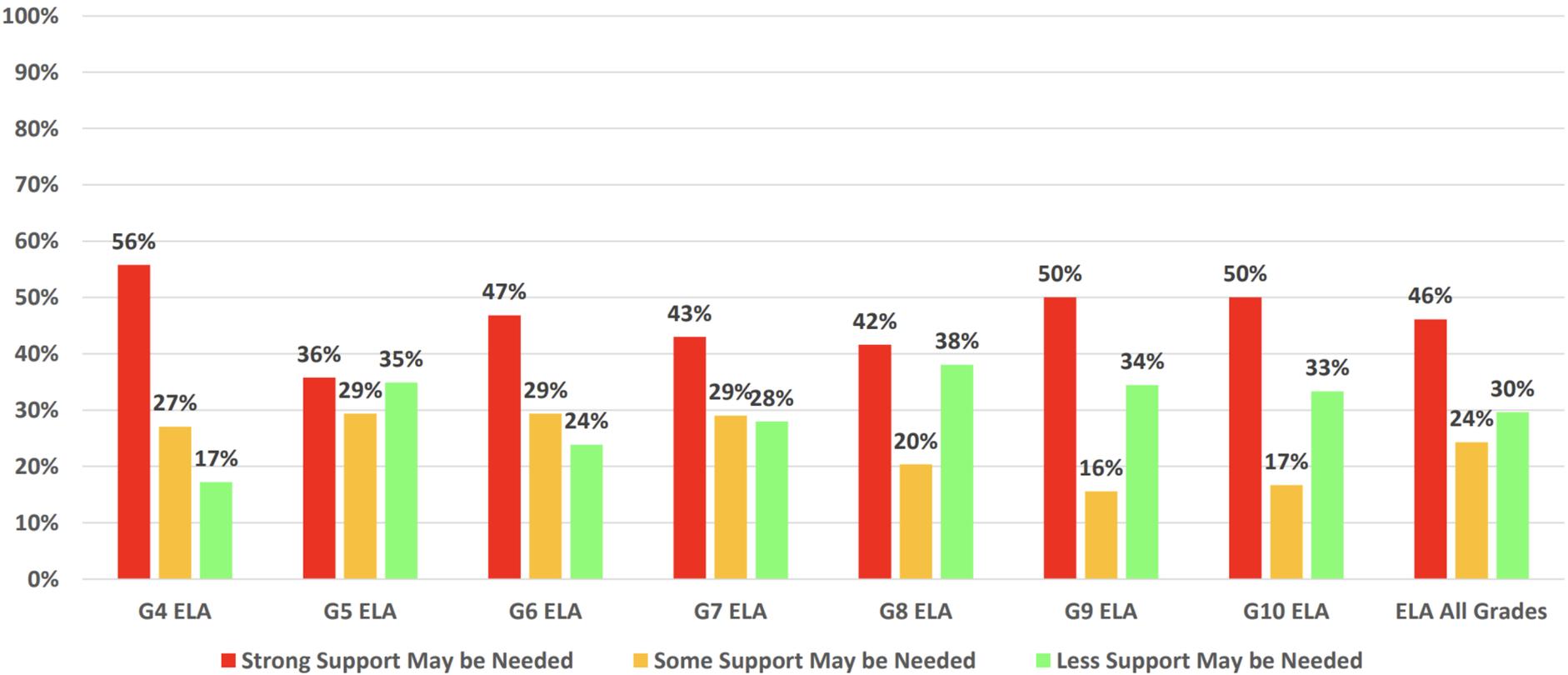
Note: "Students Tested" represents individual valid test scores for English Language Arts, Mathematics and Science

Keansburg School District's Start Strong Fall 2021 Administrations English Language Arts – Support Levels

Grade	Strong Support Needed (Count)	Strong Support Needed (Percentage)	Some Support Needed (Count)	Some Support Needed (Percentage)	Less Support Needed (Count)	Less Support Needed (Percentage)
4	68	56%	33	27%	21	17%
5	39	36%	32	29%	38	35%
6	51	47%	32	29%	26	24%
7	43	43%	29	29%	28	28%
8	47	42%	23	20%	43	38%
9	45	50%	14	16%	31	34%
10	45	50%	15	17%	30	33%

Keansburg School District's Start Strong Fall 2021 Administrations English Language Arts – Support Levels

Distribution by Achievement Level



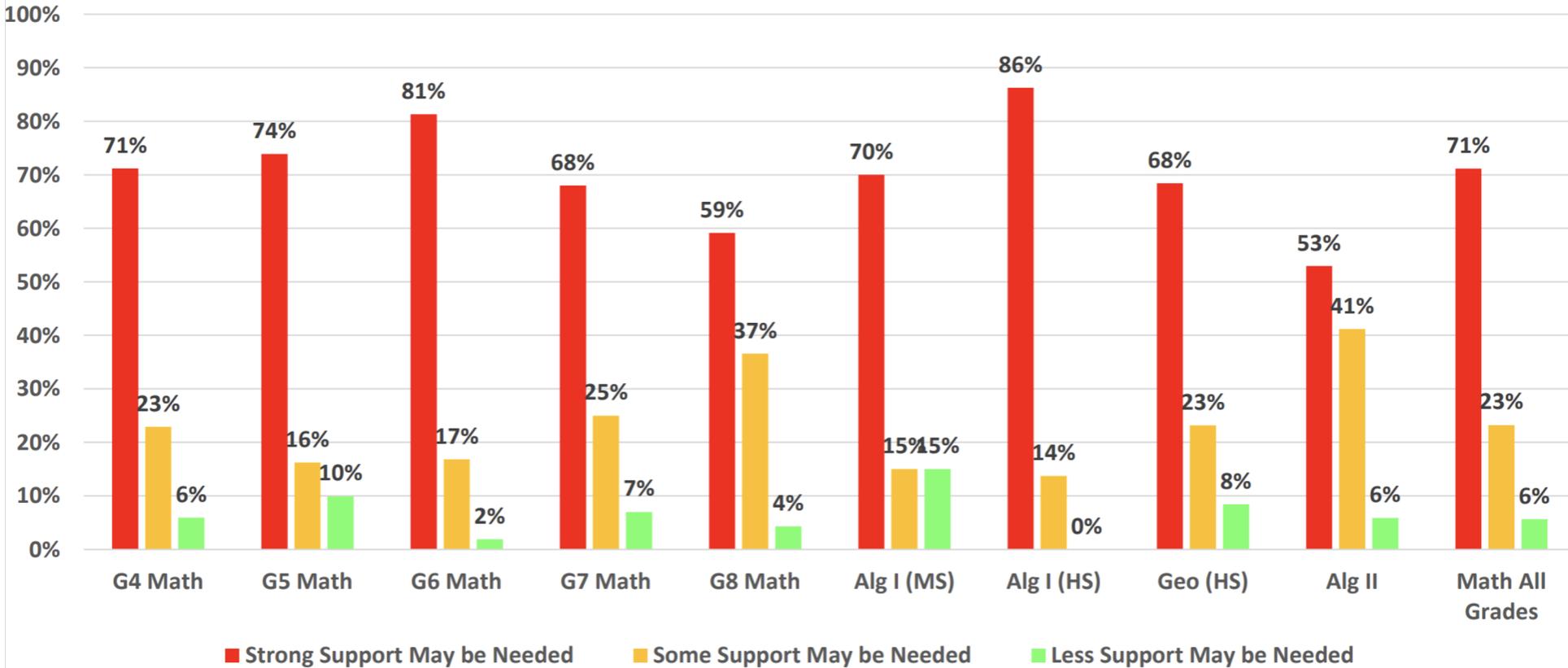
Keansburg School District's Start Strong Fall 2021 Administrations Mathematics – Support Levels

Grade	Strong Support Needed (Count)	Strong Support Needed (Percentage)	Some Support Needed (Count)	Some Support Needed (Percentage)	Less Support Needed (Count)	Less Support Needed (Percentage)
4	84	71%	27	23%	7	6%
5	82	74%	18	16%	11	10%
6	87	81%	18	17%	2	2%
7	68	68%	25	25%	7	7%
8*	55	59%	34	37%	4	4%
Algebra 1 (MS)	14	70%	3	15%	3	15%
Algebra I	88	86%	14	14%	0	0%
Geometry	65	68%	22	23%	8	8%
Algebra II	36	53%	28	41%	4	6%

*Approximately 30,000 New Jersey students in grade 8 participated in the Algebra I assessment. Thus, Math 8 outcomes are not representative of grade 8 performance as a whole.

Keansburg School District's Start Strong Fall 2021 Administrations Mathematics – Support Levels

Distribution by Achievement Level

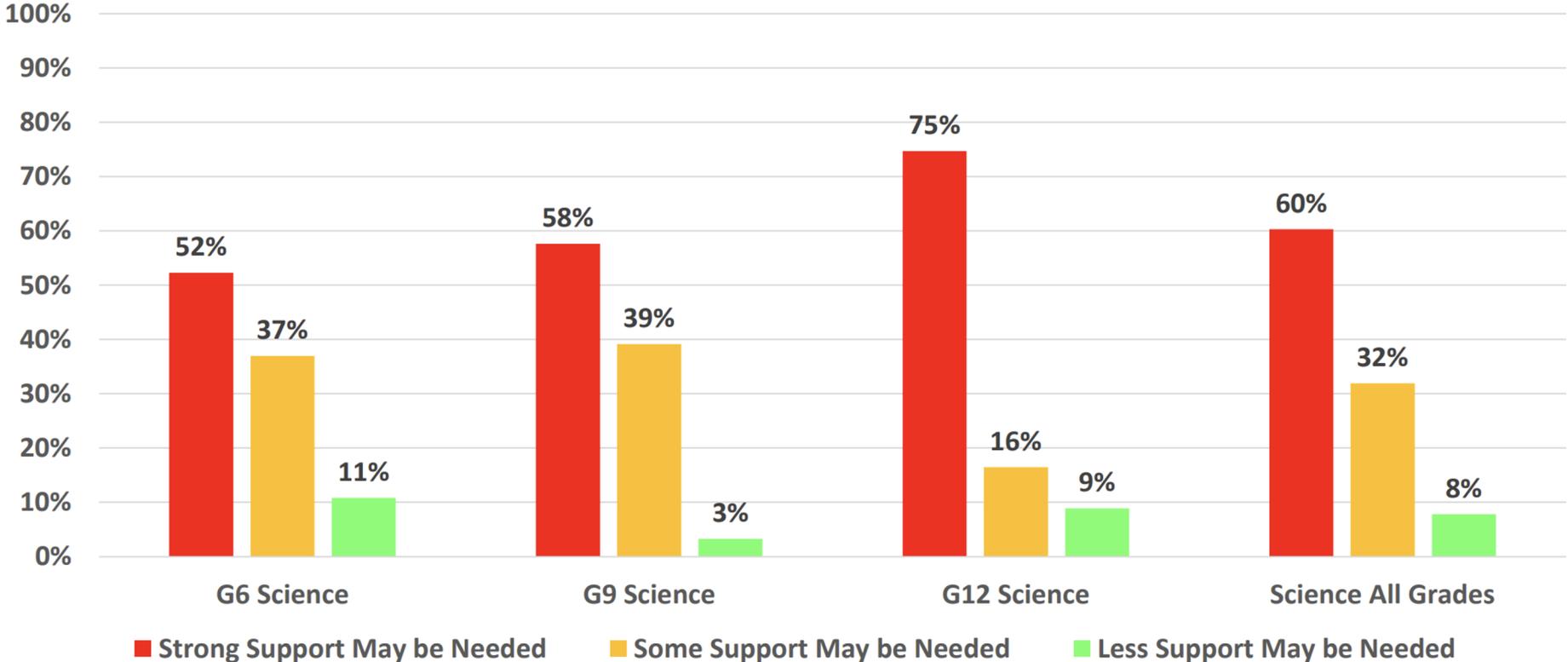


Keansburg School District's Start Strong Fall 2021 Administrations Science – Support Levels

Grade	Strong Support Needed (Count)	Strong Support Needed (Percentage)	Some Support Needed (Count)	Some Support Needed (Percentage)	Less Support Needed (Count)	Less Support Needed (Percentage)
6	58	52%	41	37%	12	11%
9	53	58%	36	39%	3	3%
12	59	75%	13	16%	7	9%

Keansburg School District's Start Strong Fall 2021 Administrations Science – Support Levels

Distribution by Achievement Level



Keansburg School District's Subgroup (Race) Start Strong Fall 2021 Administrations English Language Arts- Percentages

Grade Band	Race	Total # students Tested	% of student s Tested	Support Levels					
				Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
ES (G4-G5)	Asian	4	2%	2	50%	0	0%	2	50%
	Black	48	21%	24	50%	15	31%	9	19%
	Hispanic	65	28%	36	55%	18	28%	11	17%
	Multiple	5	2%	3	60%	1	20%	1	20%
	Other	1	0%	0	0%	1	100%	0	0%
	White	108	47%	42	39%	30	28%	36	33%
MS (G6-G8)	Asian	6	2%	2	33%	2	33%	2	33%
	Black	74	23%	45	61%	13	18%	16	22%
	Hispanic	71	22%	34	48%	20	28%	17	24%
	Multiple	5	2%	4	80%	0	0%	1	20%
	White	166	52%	56	34%	49	30%	61	37%
HS (G9-G12)	Black	42	23%	26	62%	4	10%	12	29%
	Hispanic	56	31%	23	41%	14	25%	19	34%
	Multiple	3	2%	1	33%	1	33%	1	33%
	White	79	44%	40	51%	10	13%	29	37%
All Grades	Asian	10	1%	4	40%	2	20%	4	40%
	Black	164	22%	95	58%	32	20%	37	23%
	Hispanic	192	26%	93	48%	52	27%	47	24%
	Multiple	13	2%	8	62%	2	15%	3	23%
	Other	1	0%	0	0%	1	100%	0	0%
	White	353	48%	138	39%	89	25%	126	36%

Keansburg School District's
Subgroup (Race)
Start Strong Fall 2021 Administrations
Mathematics - Percentages

Grade Band	Race	Total # students Tested	% of students Tested	Support Levels					
				Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
ES (G4-G5)	Asian	4	2%	1	25%	1	25%	2	50%
	Black	47	21%	37	79%	10	21%	0	0%
	Hispanic	63	28%	47	75%	13	21%	3	5%
	Multiple	5	2%	4	80%	1	20%	0	0%
	Other	1	0%	1	100%	0	0%	0	0%
	White	109	48%	76	70%	20	18%	13	12%
MS (G6-G8)	Asian	6	2%	2	33%	4	67%	0	0%
	Black	72	23%	56	78%	14	19%	2	3%
	Hispanic	71	22%	46	65%	24	34%	1	1%
	Multiple	6	2%	5	83%	0	0%	1	17%
	White	164	51%	114	70%	38	23%	12	7%
HS (G9-G12)	Asian	1	0%	0	0%	1	100%	0	0%
	Black	71	27%	60	85%	9	13%	2	3%
	Hispanic	80	30%	52	65%	23	29%	5	6%
	Multiple	3	1%	1	33%	1	33%	1	33%
	Other	1	0%	1	100%	0	0%	0	0%
	White	110	41%	76	69%	30	27%	4	4%
All Grades	Asian	11	1%	3	27%	6	55%	2	18%
	Black	190	23%	153	81%	33	17%	4	2%
	Hispanic	214	26%	145	68%	60	28%	9	4%
	Multiple	14	2%	10	71%	2	14%	2	14%
	Other	2	0%	2	100%	0	0%	0	0%
	White	383	47%	266	69%	88	23%	29	8%

Keansburg School District's
Subgroup (Race)
Start Strong Fall 2021 Administrations
Science - Percentages

Grade Band	Race	Total # students Tested	% of students Tested	Support Levels					
				Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
MS (G6-G8)	Asian	3	3%	1	33%	2	67%	0	0%
	Black	25	23%	18	72%	4	16%	3	12%
	Hispanic	27	24%	13	48%	10	37%	4	15%
	Multiple	1	1%	1	100%	0	0%	0	0%
	White	55	50%	25	45%	25	45%	5	9%
	All Students	111		58	52%	41	37%	12	11%
HS (G9-G12)	Black	41	24%	31	76%	9	22%	1	2%
	Hispanic	53	31%	33	62%	16	30%	4	8%
	Multiple	3	2%	2	67%	1	33%	0	0%
	White	74	43%	46	62%	23	31%	5	7%
	All Students	171		112	65%	49	29%	10	6%
All Grades	Asian	3	1%	1	33%	2	67%	0	0%
	Black	66	23%	49	74%	13	20%	4	6%
	Hispanic	80	28%	46	58%	26	33%	8	10%
	Multiple	4	1%	3	75%	1	25%	0	0%
	White	129	46%	71	55%	48	37%	10	8%
	All Students	282		170	60%	90	32%	22	8%

**Keansburg School District's
Subgroup (Program)
Start Strong Fall 2021 Administrations
English Language Arts- Percentages**

Grade Band	Race	Total # students Tested	% of students Tested	Support Levels					
				Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
ES (G4-G5)	F/R Lunch	116	50%	57	49%	29	25%	30	26%
	Section 504	1	0%	1	100%	0	0%	0	0%
	ELL	16	7%	14	88%	2	13%	0	0%
	SpecEd	63	27%	46	73%	9	14%	8	13%
	GenEd	157	68%	52	33%	54	34%	51	32%
MS (G6-G8)	F/R Lunch	168	52%	80	48%	47	28%	41	24%
	Section 504	13	4%	6	46%	1	8%	6	46%
	ELL	1	0%	0	0%	0	0%	1	100%
	SpecEd	71	22%	50	70%	17	24%	4	6%
	GenEd	250	78%	91	36%	67	27%	92	37%
HS (G9-G12)	F/R Lunch	91	51%	48	53%	14	15%	29	32%
	Section 504	4	2%	1	25%	0	0%	3	75%
	ELL	2	1%	2	100%	0	0%	0	0%
	SpecEd	46	26%	37	80%	4	9%	5	11%
	GenEd	132	73%	51	39%	25	19%	56	42%
All Grades	F/R Lunch	375	51%	185	49%	90	24%	100	27%
	Section 504	18	2%	8	44%	1	6%	9	50%
	ELL	19	3%	16	84%	2	11%	1	5%
	SpecEd	180	25%	133	74%	30	17%	17	9%
	GenEd	539	74%	194	36%	146	27%	199	37%

**Keansburg School District's
Subgroup (Program)
Start Strong Fall 2021 Administrations
Mathematics- Percentages**

Grade Band	Race	Total # students Tested	% of students Tested	Support Levels					
				Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
ES (G4-G5)	F/R Lunch	115	50%	85	74%	25	22%	5	4%
	Section 504	1	0%	0	0%	1	100%	0	0%
	ELL	16	7%	13	81%	2	13%	1	6%
	SpecEd	62	27%	56	90%	4	6%	2	3%
	GenEd	156	68%	102	65%	39	25%	15	10%
MS (G6-G8)	F/R Lunch	165	52%	123	75%	36	22%	6	4%
	Section 504	13	4%	8	62%	4	31%	1	8%
	ELL	1	0%	0	0%	1	100%	0	0%
	SpecEd	71	22%	65	92%	6	8%	0	0%
	GenEd	247	77%	158	64%	73	30%	16	6%
HS (G9-G12)	F/R Lunch	127	48%	91	72%	29	23%	7	6%
	Section 504	6	2%	6	100%	0	0%	0	0%
	ELL	7	3%	6	86%	1	14%	0	0%
	SpecEd	73	27%	66	90%	6	8%	1	1%
	GenEd	186	70%	118	63%	57	31%	11	6%
All Grades	F/R Lunch	407	50%	299	73%	90	22%	18	4%
	Section 504	20	2%	14	70%	5	25%	1	5%
	ELL	24	3%	19	79%	4	17%	1	4%
	SpecEd	206	25%	187	91%	16	8%	3	1%
	GenEd	589	72%	378	64%	169	29%	42	7%

**Keansburg School District's
Subgroup (Program)
Start Strong Fall 2021 Administrations
Science - Percentages**

Grade Band	Race	Total # students Tested	% of students Tested	Support Levels					
				Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
MS (G6-G8)	F/R Lunch	64	58%	35	55%	22	34%	7	11%
	Section 504	7	6%	3	43%	2	29%	2	29%
	SpecEd	13	12%	8	62%	4	31%	1	8%
	GenEd	98	88%	50	51%	37	38%	11	11%
HS (G9-G12)	F/R Lunch	69	40%	46	67%	19	28%	4	6%
	Section 504	7	4%	4	57%	1	14%	2	29%
	ELL	3	2%	3	100%	0	0%	0	0%
	SpecEd	51	30%	39	76%	9	18%	3	6%
	GenEd	117	68%	70	60%	40	34%	7	6%
All Grades	F/R Lunch	133	47%	81	61%	41	31%	11	8%
	Section 504	14	5%	7	50%	3	21%	4	29%
	ELL	3	1%	3	100%	0	0%	0	0%
	SpecEd	64	23%	47	73%	13	20%	4	6%
	GenEd	215	76%	120	56%	77	36%	18	8%

Notable Achievements

Participation

Grades 5-8 ELA showed less support after remote learning

Specific subgroups showed less support after remote learning

Intervention Strategies

Review scores at school and grade levels.

Evaluate the needs of students.

Identify how interventionists can utilize this data to support instruction.

Review curriculum and state standards.

Implementation of new Math Program Reveal K-8 (KHS is in the process of reviewing new program for 2022-2023 School Year)