

# Start Strong: Fall 2022 Administrations Keansburg School District 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 (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
Grade 9	ELA09	Grade 8 ELA content
Grade 10	ELA10	Grade 9 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 (3 of 4)**

#### **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 Referen ce Sheet	Scientific calculator
Algebra II	ALG02	Algebra I content	Start Strong Algebra II Mathematics Reference Sheet	Graphing 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
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**



- Consider the impacts of COVID-19 on learning.
- Data is not to be compared to 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**



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's Number of Students Tested **Start Strong Fall 2022 Administrations**

English Language Arts	Students Tested
ELA04	122
ELA05	121
ELA06	104
ELA07	119
ELA08	90
ELA09	109
ELA10	100
Total	765

Mathematics	Students Tested
MAT04	123
MAT05	121
MAT06	104
MAT07	119
MAT08	77
Algebra 1	87
Geometry	132
Algebra 2	84
Total	847

Science	Students Tested
SC06	104
SC09	97
SC12	102
Total	303

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



#### Keansburg's Start Strong Fall 2022 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	73	60%	19	16%	30	25%
5	47	39%	39	32%	35	29%
6	60	58%	26	25%	18	17%
7	63	53%	28	24%	28	24%
8	57	63%	13	14%	20	22%
9	57	52%	19	17%	33	30%
10	57	57%	21	21%	22	22%



## Keansburg's Start Strong Fall 2022 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	82	67%	30	24%	11	9%
5	79	65%	28	23%	14	12%
6	86	83%	15	14%	3	3%
7	70	59%	36	30%	13	11%
8*	58	75%	15	19%	4	5%
Algebra 1	64	74%	19	22%	4	5%
Geometry	96	73%	22	17%	14	11%
Algebra 2	49	58%	29	35%	6	7%

<sup>\*</sup>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's Start Strong Fall 2022 Administrations Science — Support Levels

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Grade	Strong Support Needed (Count)	Strong Support Needed (Percentage)			Less Support Needed (Count)	Less Support Needed (Percentage)
6	65	63%	32	31%	7	7%
9	66	62%	34	32%	7	7%
12	79	86%	9	10%	4	4%

Note: Percentages may not total 100 due to rounding.



# Keansburg's Subgroup Start Strong Fall 2022 Administrations English Language Arts—Percentages

					Support Levels				
				Strong Support	May be Needed	Some Support N	May be Needed	Less Support M	lay be Needed
		Total	% of	(Lev	el 1)	(Leve	el 2)	(Leve	el 3)
Grade Band	Race	Tested	Tested	# of students	% of total	# of students	% of total	# of students	% of total
	Asian	3	1%	1	33%	1	33%	1	33%
	Black	50	21%	28	56%	15	30%	7	14%
	Hispanic	68	28%	34	50%	16	24%	18	26%
ES (G4-G5)	Multiple	12	5%	7	58%	3	25%	2	17%
	Other	2	1%	1	50%	0	0%	1	50%
	White	108	44%	49	45%	23	21%	36	33%
	All Students	243		120	49%	58	24%	65	27%
	Asian	7	2%	2	29%	2	29%	3	43%
	Black	75	24%	50	67%	16	21%	9	12%
MS (G6-G8)	Hispanic	81	26%	45	56%	20	25%	16	20%
WIS (GO-GO)	Multiple	4	1%	3	75%	0	0%	1	25%
	White	146	47%	80	55%	29	20%	37	25%
	All Students	313		180	58%	67	21%	66	21%
	Asian	2	1%	2	100%	0	0%	0	0%
	Black	61	29%	43	70%	11	18%	7	11%
HS (G9-G12)	Hispanic	57	27%	28	49%	14	25%	15	26%
H3 (G9-G12)	Multiple	5	2%	1	20%	0	0%	4	80%
	White	84	40%	40	48%	15	18%	29	35%
	All Students	209		114	55%	40	19%	55	26%
	Asian	12	2%	5	42%	3	25%	4	33%
	Black	186	24%	121	65%	42	23%	23	12%
	Hispanic	206	27%	107	52%	50	24%	49	24%
All Grades	Multiple	21	3%	11	52%	3	14%	7	33%
	Other	2	0%	1	50%	0	0%	1	50%
	White	338	44%	169	50%	67	20%	102	30%
	All Students	765		414	54%	165	22%	186	24%



# Keansburg's Subgroup Start Strong Fall 2022 Administrations English Language Arts—Percentages

				Support Levels					
				Strong Support May be Needed		Some Support May be Needed		Less Support May be Needed	
		Total	% of	(Lev	el <b>1</b> )	(Level 2)		(Level 3)	
Grade Band	Program	Tested	Tested	# of students	% of total	# of students	% of total	# of students	% of total
	F/R Lunch	115	47%	62	54%	29	25%	24	21%
	Section 504	10	4%	6	60%	1	10%	3	30%
ES (G4-G5)	ELL	14	6%	8	57%	3	21%	3	21%
25 (44-45)	SpecEd	58	24%	42	72%	8	14%	8	14%
	GenEd	176	72%	73	41%	49	28%	54	31%
	All Students	243		120	49%	58	24%	65	27%
	F/R Lunch	178	57%	103	58%	40	22%	35	20%
	Section 504	8	3%	3	38%	3	38%	2	25%
MS (G6-G8)	ELL	5	2%	5	100%	0	0%	0	0%
WS (GO-GO)	SpecEd	91	29%	73	80%	11	12%	7	8%
	GenEd	219	70%	104	47%	56	26%	59	27%
	All Students	313		180	58%	67	21%	66	21%
	F/R Lunch	93	44%	54	58%	22	24%	17	18%
	Section 504	7	3%	2	29%	3	43%	2	29%
US (CO C12)	ELL	2	1%	2	100%	0	0%	0	0%
HS (G9-G12)	SpecEd	58	28%	48	83%	7	12%	3	5%
	GenEd	149	71%	64	43%	33	22%	52	35%
	All Students	209		114	55%	40	19%	55	26%
	F/R Lunch	386	50%	219	57%	91	24%	76	20%
	Section 504	25	3%	11	44%	7	28%	7	28%
All Grades	ELL	21	3%	15	71%	3	14%	3	14%
All Grades	SpecEd	207	27%	163	79%	26	13%	18	9%
1	GenEd	544	71%	241	44%	138	25%	165	30%
	All Students	765		414	54%	165	22%	186	24%



# Keansburg's Subgroup Start Strong Fall 2022 Administrations Mathematics —Percentages

				Support Levels					
				Strong Support May be Needed		Some Support May be Needed		Less Support May be Needed	
		Total	% of	(Leve	el 1)	(Leve	el 2)	(Level 3)	
Grade Band	Race	Tested	Tested	# of students	% of total	# of students	% of total	# of students	% of total
	Asian	3	1%	1	33%	1	33%	1	33%
	Black	50	20%	37	74%	12	24%	1	2%
	Hispanic	69	28%	46	67%	17	25%	6	9%
ES (G4-G5)	Multiple	12	5%	9	75%	2	17%	1	8%
	Other	2	1%	1	50%	1	50%	0	0%
	White	108	44%	67	62%	25	23%	16	15%
	All Students	244		161	66%	58	24%	25	10%
	Asian	7	2%	0	0%	5	71%	2	29%
	Black	75	24%	64	85%	9	12%	2	3%
MS (G6-G8)	Hispanic	81	26%	56	69%	16	20%	9	11%
W3 (40-40)	Multiple	4	1%	3	75%	0	0%	1	25%
	White	146	47%	98	67%	38	26%	10	7%
	All Students	313		221	71%	68	22%	24	8%
	Asian	2	1%	2	100%	0	0%	0	0%
	Black	88	29%	74	84%	12	14%	2	2%
HS (Alg I-Alg II)	Hispanic	84	28%	58	69%	20	24%	6	7%
no (Alg I-Alg II)	Multiple	8	3%	4	50%	2	25%	2	25%
	White	121	40%	71	59%	36	30%	14	12%
	All Students	303		209	69%	70	23%	24	8%
	Asian	12	1%	3	25%	6	50%	3	25%
	Black	213	25%	175	82%	33	15%	5	2%
	Hispanic	234	27%	160	68%	53	23%	21	9%
All Grades	Multiple	24	3%	16	67%	4	17%	4	17%
	Other	2	0%	1	50%	1	50%	0	0%
	White	375	44%	236	63%	99	26%	40	11%
	All Students	860		591	69%	196	23%	73	8%



# Keansburg's Subgroup Start Strong Fall 2022 Administrations Mathematics —Percentages

2 				Support Levels						
				Strong Support	May be Needed	Some Support N	May be Needed	Less Support M	lay be Needed	
		Total	% of	(Level 1)		(Level 2)		(Level 3)		
Grade Band	Program	Tested	Tested	# of students	% of total	# of students	% of total	# of students	% of total	
	F/R Lunch	115	47%	83	72%	25	22%	7	6%	
	Section 504	10	4%	8	80%	2	20%	0	0%	
ES (G4-G5)	ELL	15	6%	12	80%	1	7%	2	13%	
E3 (G4-G5)	SpecEd	58	24%	51	88%	6	10%	1	2%	
	GenEd	176	72%	103	59%	51	29%	22	13%	
	All Students	244		161	66%	58	24%	25	10%	
	F/R Lunch	178	57%	131	74%	34	19%	13	7%	
	Section 504	8	3%	3	38%	4	50%	1	13%	
MC (CC CO)	ELL	5	2%	3	60%	2	40%	0	0%	
MS (G6-G8)	SpecEd	91	29%	85	93%	5	5%	1	1%	
	GenEd	219	70%	135	62%	61	28%	23	11%	
	All Students	313		221	71%	68	22%	24	8%	
	F/R Lunch	132	44%	100	76%	25	19%	7	5%	
	Section 504	8	3%	4	50%	1	13%	3	38%	
HS (Alg I-Alg II)	ELL	8	3%	7	88%	0	0%	1	13%	
no (Alg I-Alg II)	SpecEd	75	25%	69	92%	4	5%	2	3%	
	GenEd	220	73%	133	60%	66	30%	21	10%	
	All Students	303		209	69%	70	23%	24	8%	
	F/R Lunch	425	49%	314	74%	84	20%	27	6%	
	Section 504	26	3%	15	58%	7	27%	4	15%	
All Grades	ELL	28	3%	22	79%	3	11%	3	11%	
All Graues	SpecEd	224	26%	205	92%	15	7%	4	2%	
	GenEd	615	72%	371	60%	178	29%	66	11%	
	All Students	860		591	69%	196	23%	73	8%	



#### Keansburg's Subgroup Start Strong Fall 2022 Administrations **Science — Percentages**

				Support Levels					
				Strong Support May be Needed		Some Support N	May be Needed	Less Support May Be Needed	
		Total	% of	(Level 1)		(Level 2)		(Level 3)	
Grade Band	Race	Tested	Tested	# of students	% of total	# of students	% of total	# of students	% of total
(About the Stable (I what is that I	Asian	2	2%	1	50%	0	0%	1	50%
	Black	22	21%	14	64%	7	32%	1	5%
G6	Hispanic	27	26%	22	81%	4	15%	1	4%
	White	53	51%	28	53%	21	40%	4	8%
	All Students	104		65	63%	32	31%	7	7%
	Asian	1	1%	1	100%	0	0%	0	0%
	Black	29	27%	24	83%	5	17%	0	0%
G9	Hispanic	25	23%	15	60%	10	40%	0	0%
69	Multiple	3	3%	2	67%	1	33%	0	0%
	White	49	46%	24	49%	18	37%	7	14%
	All Students	107		66	62%	34	32%	7	7%
	Asian	1	1%	1	100%	0	0%	0	0%
	Black	30	33%	29	97%	0	0%	1	3%
G12	Hispanic	29	32%	24	83%	4	14%	1	3%
	White	32	35%	25	78%	5	16%	2	6%
	All Students	92		79	86%	9	10%	4	4%
	Asian	4	1%	3	75%	0	0%	1	25%
	Black	81	27%	67	83%	12	15%	2	2%
All Grades	Hispanic	81	27%	61	75%	18	22%	2	2%
All Glades	Multiple	3	1%	2	67%	1	33%	0	0%
	White	134	44%	77	57%	44	33%	13	10%
	All Students	303		210	69%	75	25%	18	6%



## Keansburg's Subgroup Start Strong Fall 2022 Administrations

Science —	Percentages
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				Support Levels					
				Strong Support May be Needed		Some Support May be Needed		Less Support May be Needed	
		Total	% of	(Level 1)		(Level 2)		(Level 3)	
Grade Band	Program	Tested	Tested	# of students	% of total	# of students	% of total	# of students	% of total
	F/R Lunch	57	55%	37	65%	17	30%	3	5%
	ELL	4	4%	4	100%	0	0%	0	0%
G6	SpecEd	38	37%	32	84%	6	16%	0	0%
	GenEd	64	62%	31	48%	26	41%	7	11%
	All Students	104		65	63%	32	31%	7	7%
	F/R Lunch	34	32%	24	71%	9	26%	1	3%
	Section 504	5	5%	3	60%	1	20%	1	20%
G9	SpecEd	26	24%	24	92%	2	8%	0	0%
	GenEd	81	76%	42	52%	32	40%	7	9%
	All Students	107		66	62%	34	32%	7	7%
	F/R Lunch	26	28%	21	81%	4	15%	1	4%
	ELL	4	4%	4	100%	0	0%	0	0%
G12	SpecEd	35	38%	32	91%	3	9%	0	0%
	GenEd	53	58%	43	81%	6	11%	4	8%
	All Students	92		79	86%	9	10%	4	4%
	F/R Lunch	117	39%	82	70%	30	26%	5	4%
	Section 504	5	2%	3	60%	1	20%	1	20%
All Grades	ELL	8	3%	8	100%	0	0%	0	0%
All Grades	SpecEd	99	33%	88	89%	11	11%	0	0%
	GenEd	198	65%	116	59%	64	32%	18	9%
	All Students	303		210	69%	75	25%	18	6%





#### **Notable Achievements**



Overall student participation was high in all contents

• About 25% of students need little support in ELA



### **Intervention Strategies**



- •Summer Program to remediate and reinforce strategies
- Credit Recovery for KHS in summer months and throughout the school year
- New Schedule at KHS (smaller blocks of time)
- •RTI Program for Tier I, II, III students districtwide
- •Students identified from the prior year (hit the ground running in September)
- Elementary students teacher pushin and support from Educational Specialists
- •Middle WIN period and support from Educational Specialists
- Wilson Reading Program for Tier III Students 3-5
- Wilson Reading Program After School Tier II & III 3-4
- Analyzing present and previous students' results to guide instruction in order to provide the appropriate amount of instructional support for students.

