

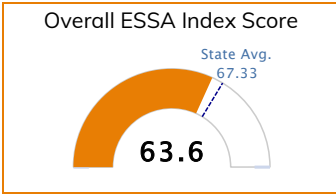


2022 ESSA School Index: Overview

6047701 - Estem Elementary School

6047700 - Estem Public Charter School

[ESSA Overview](#)



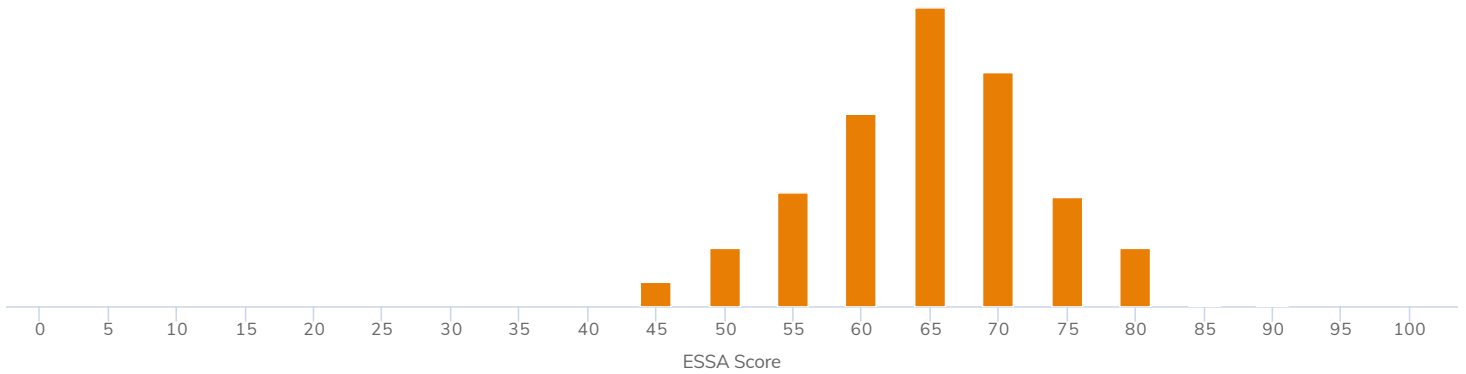
Grade Range

K-6

Grade Span

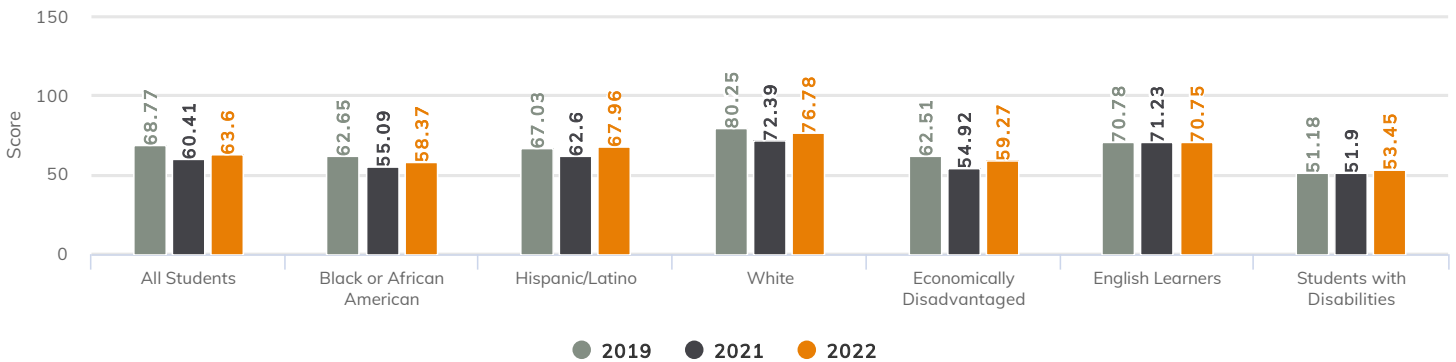
1 - Elementary Level

State Distribution of Overall School ESSA Index Scores



The score 63.6 falls in the 60-65 bar of the state distribution of the overall ESSA index score for the Elementary Level grade span.

Three Year School ESSA Index Scores By Subgroup



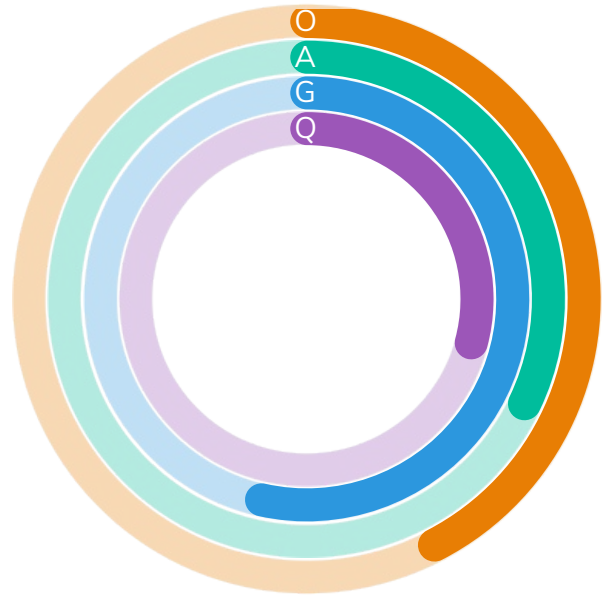
Population	2019 Index Score	2021 Index Score	2022 Index Score
All Students	68.77	60.41	63.6
Black or African American	62.65	55.09	58.37
Hispanic/Latino	67.03	62.6	67.96
White	80.25	72.39	76.78
Economically Disadvantaged	62.51	54.92	59.27
English Learners	70.78	71.23	70.75
Students with Disabilities	51.18	51.9	53.45



ESSA Indicator Scores

<p>Public School Rating</p>	<p>D</p>
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<p>Rating Scale</p>	A = 79.26 and Above
	B = 72.17 - 79.25
	C = 64.98 - 72.16
	D = 58.09 - 64.97
	F = 0.00 - 58.08



Indicator	Score
Overall ESSA Score	63.6
Weighted Achievement Score	48.24
Value-Added Growth Score	80.31
School Quality and Student Success Score	43.76

Range of Possible Scores for Each Indicator

- Weighted Achievement scores range from 0 to 125 with 0 indicating all students are in the lowest readiness level (In Need of Support) for achievement and 125 indicating all students are in the highest readiness level for achievement (Exceeds).
- Value-Added Growth scores typically range from 55 to 95 with values of 80 or above indicating students, on average, are meeting and/or exceeding expected growth in achievement. Values below 80 indicate students, on average, are losing ground compared to their expected growth in achievement.
- 4-Year and 5-Year Graduation Rates range from 0 to 100 with 0 indicating none of the students expected to graduate in the 4-year or 5-year time frame graduated as expected. Scores of 100 indicate all students expected to graduate in the 4-year or 5-year time frame graduated as expected.
- School Quality and Student Success scores range from 0 to 100. These scores indicate the percentage of points earned by the school across all of the School Quality and Student Success components included in this indicator. Up to 11 components may be included in a school's indicator score.

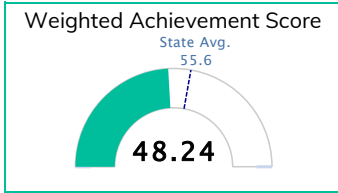


2022 ESSA School Index: Weighted Achievement

6047701 - Estem Elementary School

6047700 - Estem Public Charter School

[Understanding Weighted Achievement](#)

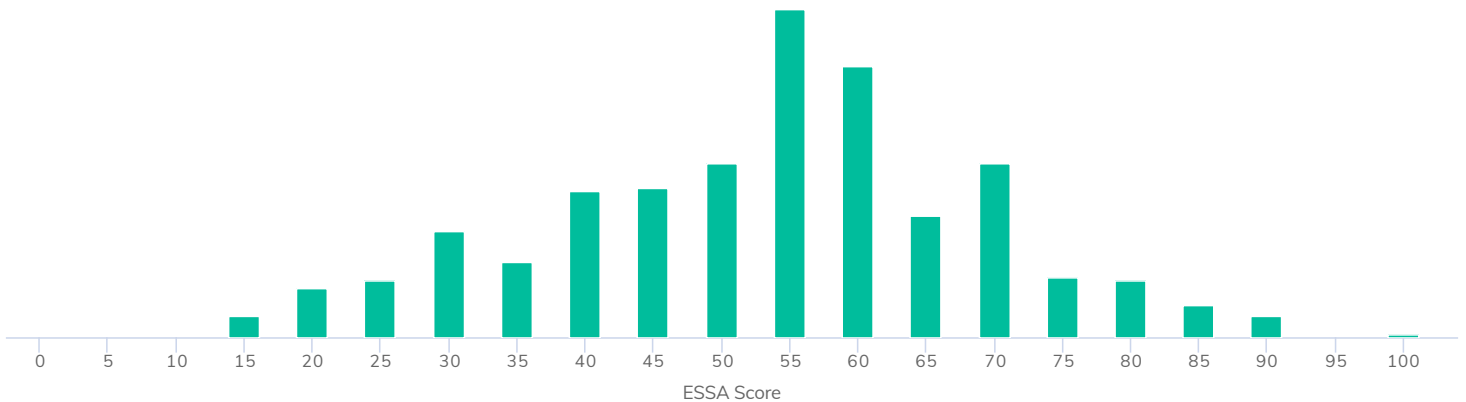


Grade Range	K-6
Grade Span	1 - Elementary Level



Weighted Achievement scores reflect the extent to which students are demonstrating higher levels of achievement. When more students are achieving at higher levels, more points are earned. Over time, schools can increase their weighted achievement scores by moving more students from lower to higher achievement levels.

Distribution of School-Level Weighted Achievement Scores



The score 48.24 falls in the 45-50 bar of the state distribution of the weighted achievement score for the Elementary Level grade span.



2022 Weighted Achievement Score Details for All Students

Performance Level and Multiplier	ELA - Students	Math - Students	Total Points	ELA + Math - Students
In Need of Support (0)	243	139	0	382
Close (0.5)	127	227	177	354
Ready (1.0)	90	149	239	239
Exceeds (1.0 or 1.25*)	80	25	105	105
Totals			521	1080

Weighted Performance Points Earned = (521 / 1080) * 100 = 48.24

*Note: If the number of students exceeding grade level-proficiency is not greater than the number of students in the lowest achievement level then schools earn a single point for these students. If the number of students exceeding grade level-proficiency is greater than the number of students in the lowest achievement level then schools earn 1.25 points per student for the number of students greater than the number in the lowest achievement level.



Adjusting the Weighted Achievement Denominator for Percent Tested

2022 Percent Tested	Number Expected to Test ELA	ELA Percent Tested	Number (Percent) Not Tested ELA	Number Expected to Test Math	Math Percent Tested	Number (Percent) Not Tested Math
All Students	551	100.00%	0 (0.00%)	551	100.00%	0 (0.00%)
Black or African American	366	100.00%	0 (0.00%)	366	100.00%	0 (0.00%)
Hispanic/Latino	48	100.00%	0 (0.00%)	48	100.00%	0 (0.00%)
White	102	100.00%	0 (0.00%)	102	100.00%	0 (0.00%)
Economically Disadvantaged	377	100.00%	0 (0.00%)	377	100.00%	0 (0.00%)
English Learners	29	100.00%	0 (0.00%)	29	100.00%	0 (0.00%)
Students with Disabilities	75	100.00%	0 (0.00%)	75	100.00%	0 (0.00%)

To calculate percent tested, all students are included: full academic year and highly mobile students. Percent tested is included in the ESSA School Index calculation when schools test less than 95 percent of the students or test less than 95 percent of a subgroup of students.

If the percent tested is greater than or equal to 95 percent, then the Final Weighted Achievement Denominator equals the number of full academic year students tested.

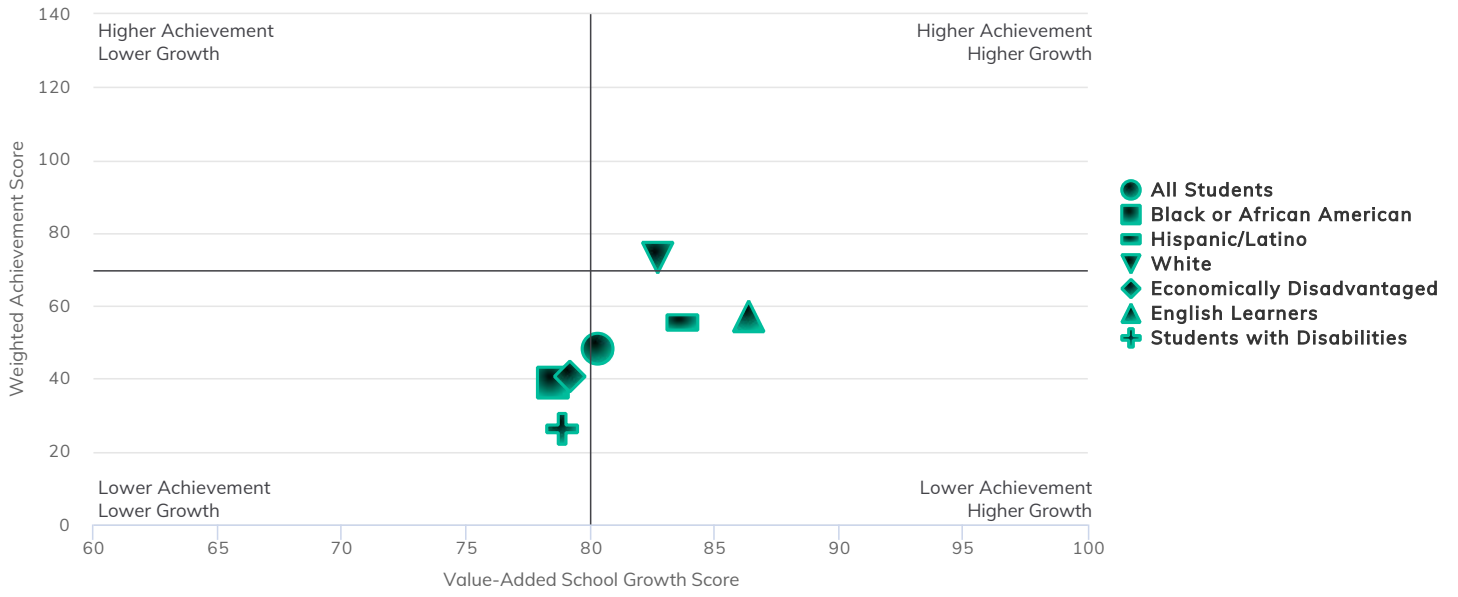
If the percent tested is less than 95 percent, then the *Final Weighted Achievement Denominator* is adjusted to include 95 percent of the students expected to test for that subject and group (ESEA Section 1111 (c)(4)(E)(ii)). An adjusted denominator is computed for each subject/subgroup to which it applies. This adjusted denominator is the number that is equal to 95 percent of the number of students expected to test for that subject/subgroup. The adjusted denominator is rounded down to the nearest whole number (whole student). If the number of students tested is greater than the result from multiplying the number of students expected to test by 0.95 rounded down to the nearest whole number, the greater value of the number of students tested is the denominator for the subject/subgroup to which it applies. The denominators for each subject (adjusted or unadjusted depending on percent tested) are added together to get the *Final Weighted Achievement Denominator*.

Final Weighted Achievement Denominator Used	ELA	Math
Percent Tested: Mobile + Nonmobile	100	100
Number Tested: Mobile + Nonmobile	551	551
Number Expected to Test: Mobile + Nonmobile	551	551
Adjusted N = 0.95 * Number Expected to Test	523	523
Was Denominator Adjusted for Less Than 95% Tested?	No	No
Number of Nonmobile Students with Tests (Used when 95% or more tested)	540	540

* If less than 95% tested the Adjusted N = 0.95 * *Number Expected to Test* is highlighted because it is used for the weighted achievement denominator.

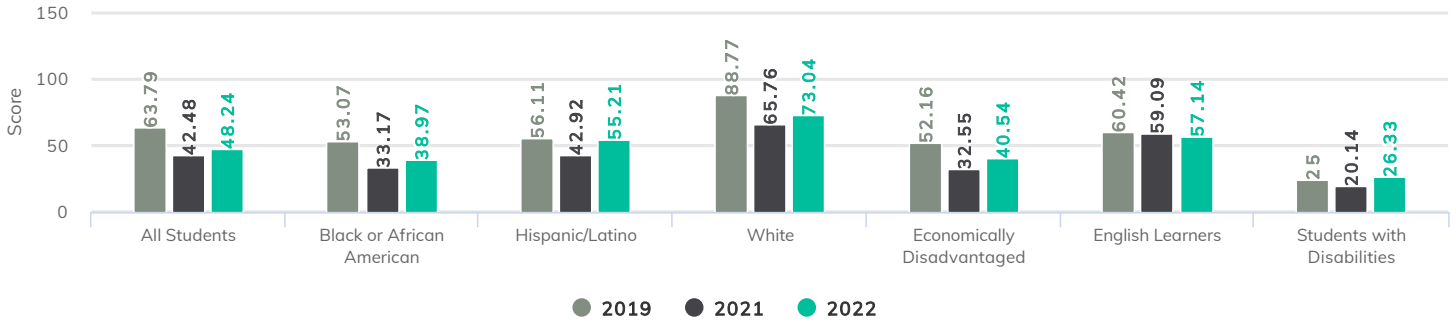


School Value-added Growth Score Plotted with Weighted Achievement for Subgroups





Three Year Weighted Achievement By Subgroup



Population	2019 Weighted Achievement Score	2021 Weighted Achievement Score	2022 Weighted Achievement Score
All Students	63.79	42.48	48.24
Black or African American	53.07	33.17	38.97
Hispanic/Latino	56.11	42.92	55.21
White	88.77	65.76	73.04
Economically Disadvantaged	52.16	32.55	40.54
English Learners	60.42	59.09	57.14
Students with Disabilities	25	20.14	26.33



2022 Number of Full Academic Year Students in Each Achievement Level by Subgroup

	ELA Level 1	ELA Level 2	ELA Level 3	ELA Level 4	Math Level 1	Math Level 2	Math Level 3	Math Level 4
All Students	243	127	90	80	139	227	149	25
Black or African American	190	91	48	27	115	168	68	5
Hispanic/Latino	22	8	9	9	6	22	17	3
White	23	20	21	38	12	29	46	15
Economically Disadvantaged	198	83	58	31	114	173	76	7
English Learners	11	6	7	4	5	10	9	4
Students with Disabilities	50	14	4	7	41	25	9	0

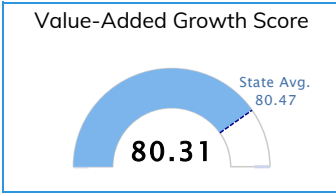
Note: Level 1 = In Need of Support; Level 2 = Close; Level 3 = Ready; Level 4 = Exceeds



2022 ESSA School Index: School Value-Added Growth

6047701 - Estem Elementary School
6047700 - Estem Public Charter School

[Understanding School Value-Added Growth](#)

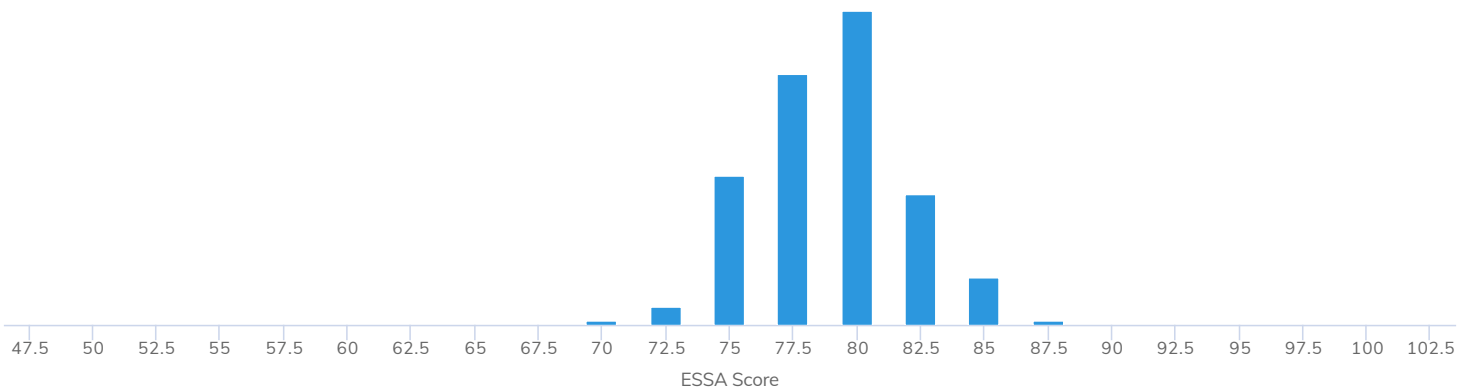


Grade Range	K-6
Grade Span	1 - Elementary Level

School Value-Added Growth Score Plotted with Weighted Achievement Scores



Distribution of School-Level Value-Added Growth Scores



School Content Value-Added Growth (VAS) and ELP Growth

	ELA Value-Added Score	Math Value-Added Score	Content Growth Score	ELP Growth Score	School Overall Value-Added Growth Score
Score	81.48	78.34	79.91	87.48	80.31
Number of Students	521	521	521	29	550



Counts for Content Area Growth (Math + ELA)

Subgroup	# ELA Growth	# Math Growth	Total Number of Students Combined Growth*
All Students	521	521	521
Black or African American	345	345	345
Hispanic/Latino	45	45	45
White	97	97	97
Economically Disadvantaged	356	356	356
English Learners	22	22	22
Students with Disabilities	70	70	70

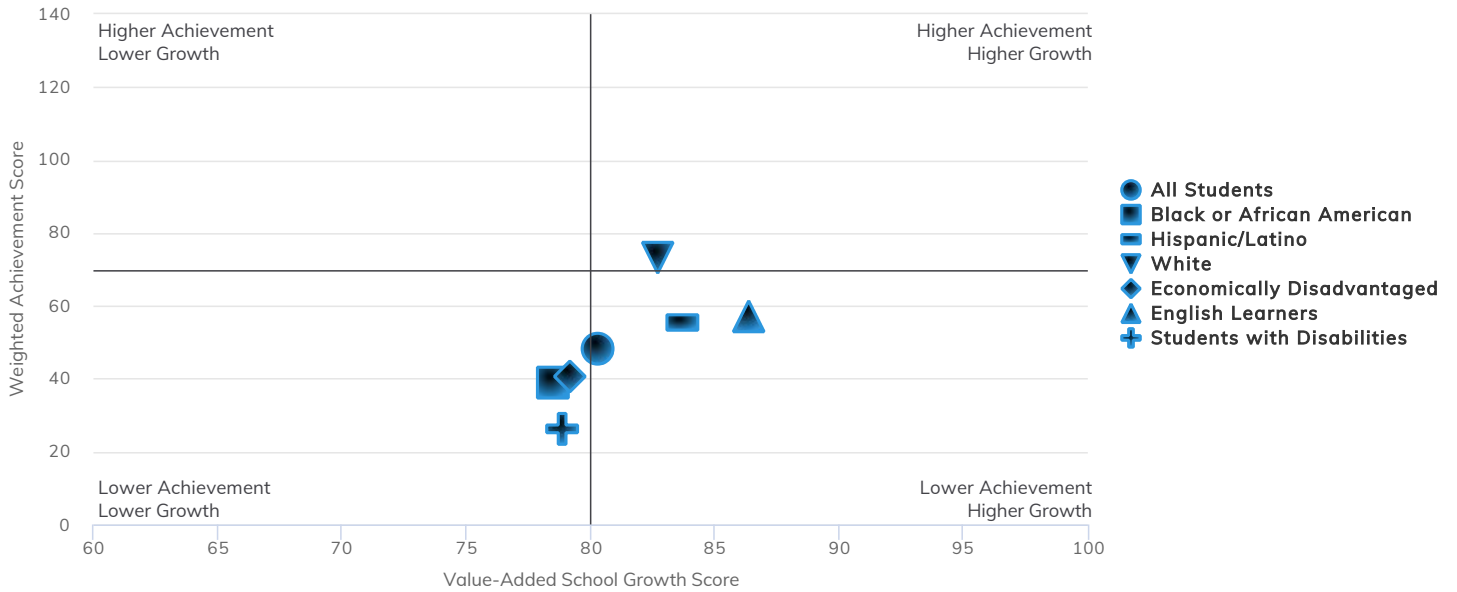
* Each student is counted once for content growth. Some students have both Math and ELA. Some students have only one subject; therefore, the total number is not always the sum of #ELA Growth and #Math Growth.

Counts for ELP Growth

Subgroup	# ELP Growth
All Students	29
Black or African American	0
Hispanic/Latino	22
White	1
Economically Disadvantaged	21
English Learners	29
Students with Disabilities	3



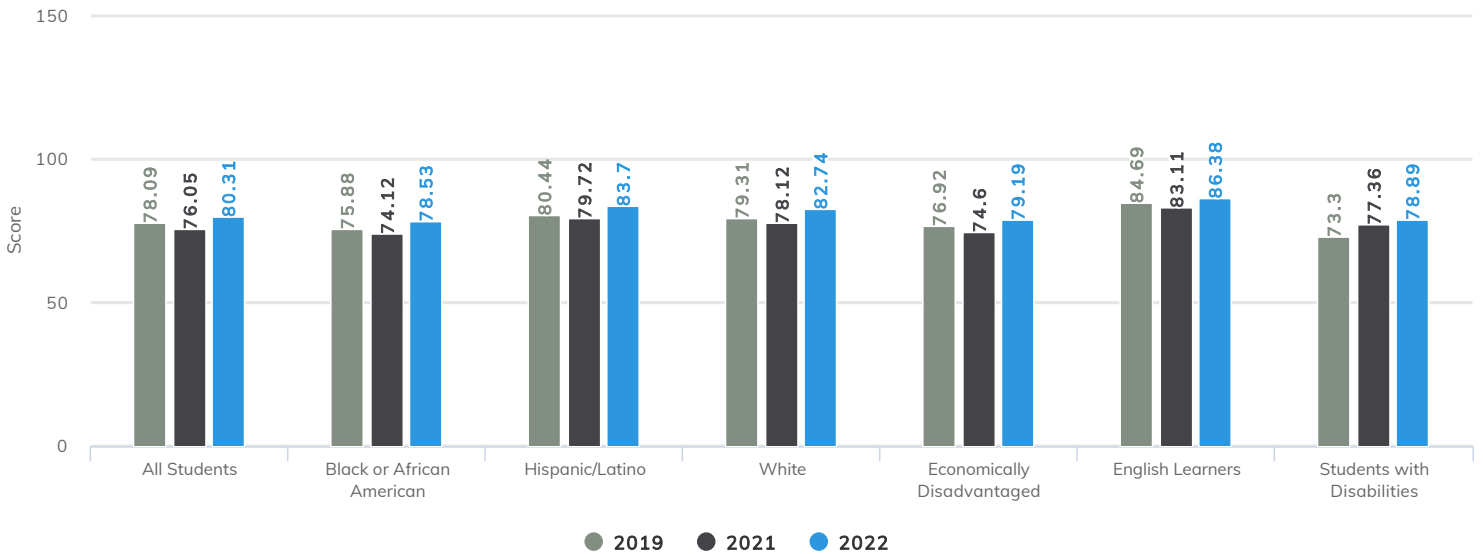
School Value-added Growth Score Plotted with Weighted Achievement for Subgroups



School Value-added Growth Score for Subgroups

Subgroup	Value-added Growth Score	Number of Students
All Students	80.31	550
Black or African American	78.53	345
Hispanic/Latino	83.7	67
White	82.74	98
Economically Disadvantaged	79.19	377
English Learners	86.38	51
Students with Disabilities	78.89	73

School Value-added Growth Score by Subgroup for 2019 - 2022



Population	2019 School Value Added Growth Score	2021 School Value Added Growth Score	2022 School Value Added Growth Score
All Students	78.09	76.05	80.31



Population	2019 School Value Added Growth Score	2021 School Value Added Growth Score	2022 School Value Added Growth Score
Black or African American	75.88	74.12	78.53
Hispanic/Latino	80.44	79.72	83.7
White	79.31	78.12	82.74
Economically Disadvantaged	76.92	74.6	79.19
English Learners	84.69	83.11	86.38
Students with Disabilities	73.3	77.36	78.89

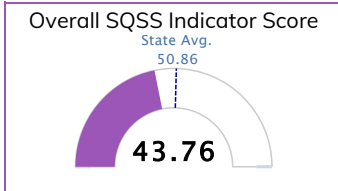


2022 ESSA School Index: School Quality and Student Success (SQSS)

6047701 - Estem Elementary School

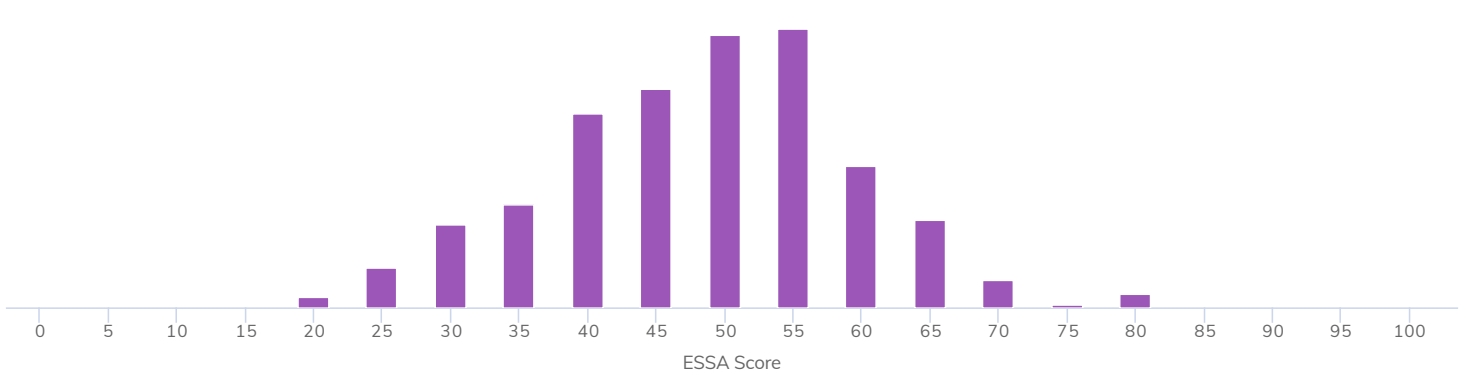
6047700 - Estem Public Charter School

[Understanding the SQSS Indicator](#)



Grade Range	K-6
Grade Span	1 - Elementary Level

State Distribution of School-Level Overall SQSS Scores



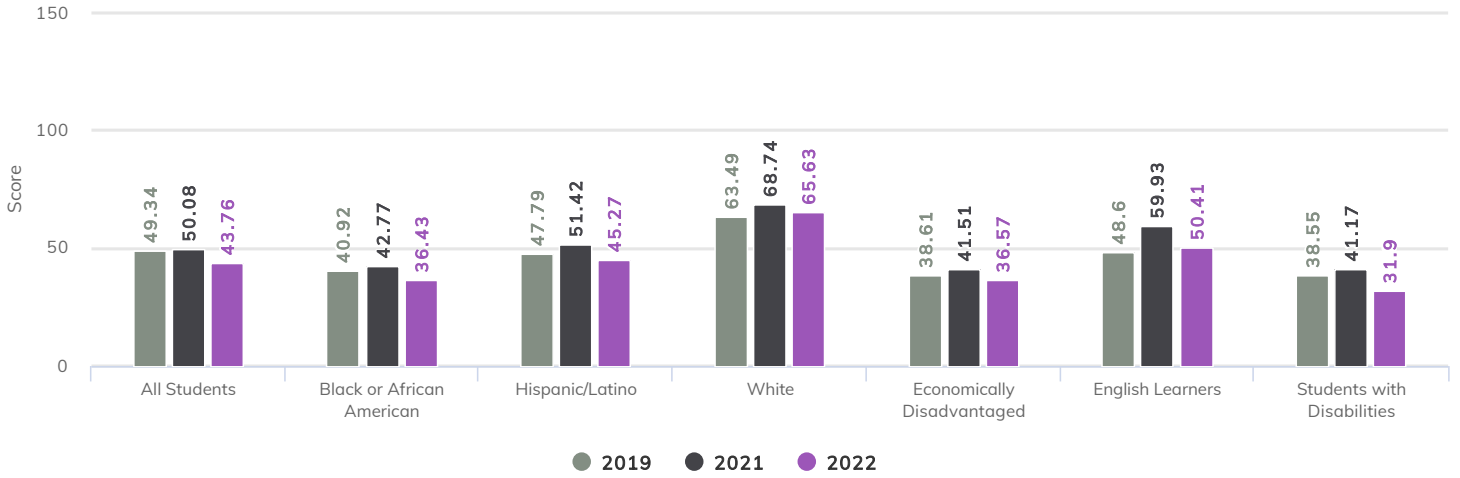
The School Quality and Student Success (SQSS) indicator combines measures of engagement, access, readiness, completion, and success criteria. Each measure focuses on the extent to which students are meeting important educational milestones (such as reading proficiently), important readiness criteria (minimum ACT score of 19 for Arkansas Academic Challenge Scholarship), and important postsecondary success indicators (attainment of AP, IB, concurrent credits).

Overall SQSS Points Table

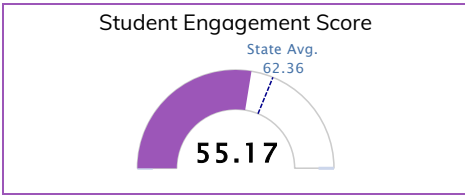
Total Students	Total # Points Possible	Total # Points Earned
909	2323	1016.5
Score: (1016.5 / 2323) * 100 = 43.76		



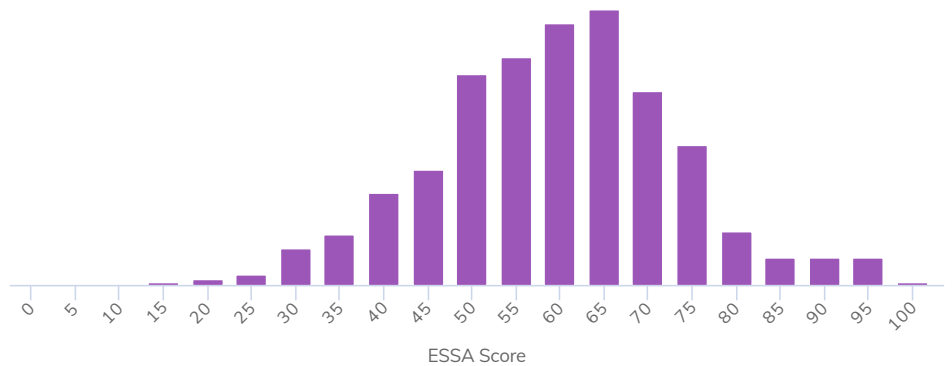
SQSS Overall Indicator Score by Subgroup



Population	2019 Index Score	2021 Index Score	2022 Index Score
All Students	49.34	50.08	43.76
Black or African American	40.92	42.77	36.43
Hispanic/Latino	47.79	51.42	45.27
White	63.49	68.74	65.63
Economically Disadvantaged	38.61	41.51	36.57
English Learners	48.6	59.93	50.41
Students with Disabilities	38.55	41.17	31.9



State Distribution of School-Level Student Engagement

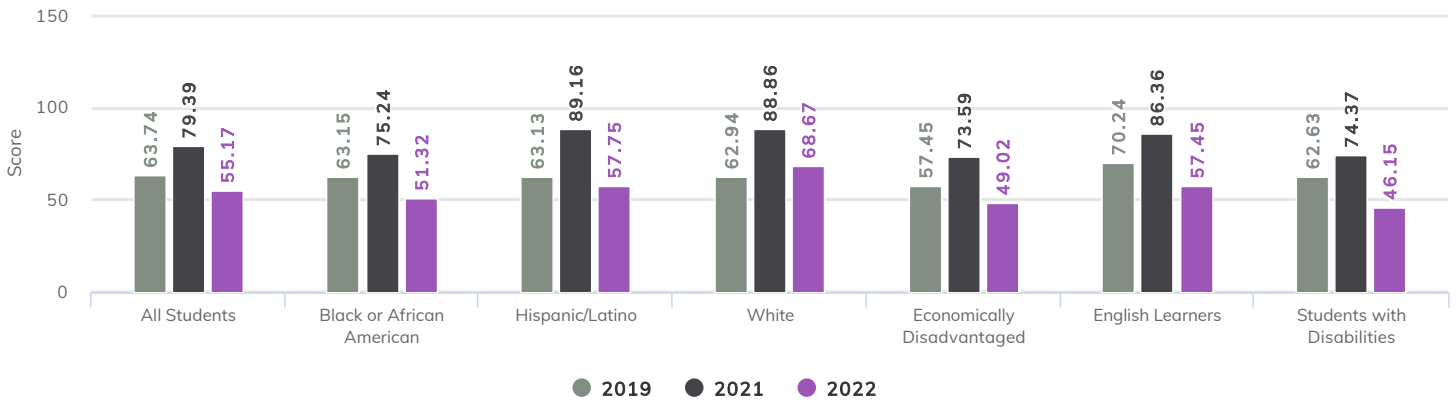


Student Engagement Points Table

Score: $(469.5 / 851) * 100 = 55.17$

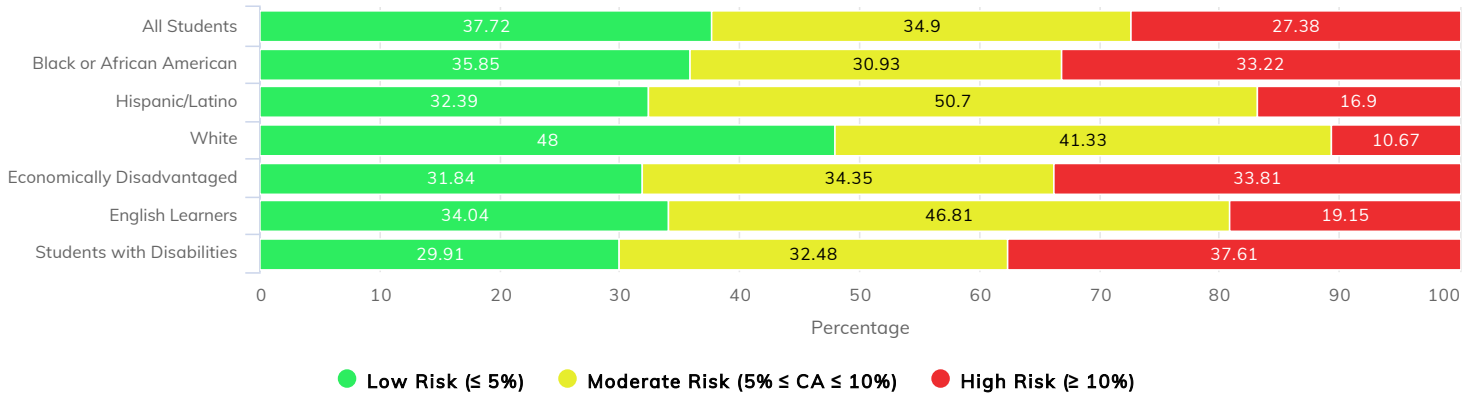
Total Students	851
Total # Points Possible	851
Total # Points Earned	469.5
Points Per Student	
Student at low risk (absent less than 5% of time enrolled)	1.0 Point
Student at moderate risk (absent 5% to less than 10% of days enrolled)	0.5 Points
Student at high risk (absent 10% or more of days enrolled)	0.0 Points

Percent of Points Earned for Student Engagement

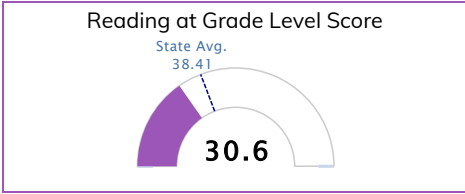




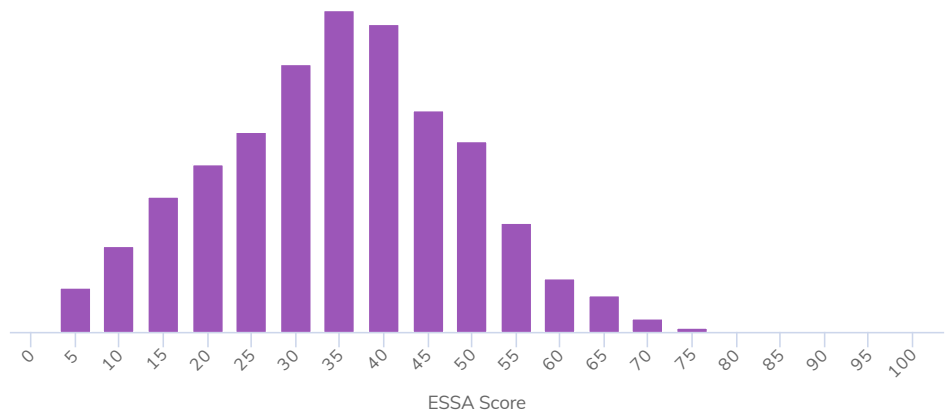
Percent of Students in Each Chronic Absence Risk Level



Population	Low Risk	Moderate Risk	High Risk
All Students	37.72	34.9	27.38
Black or African American	35.85	30.93	33.22
Hispanic/Latino	32.39	50.7	16.9
White	48	41.33	10.67
Economically Disadvantaged	31.84	34.35	33.81
English Learners	34.04	46.81	19.15
Students with Disabilities	29.91	32.48	37.61



State Distribution of School-Level Reading at Grade Level

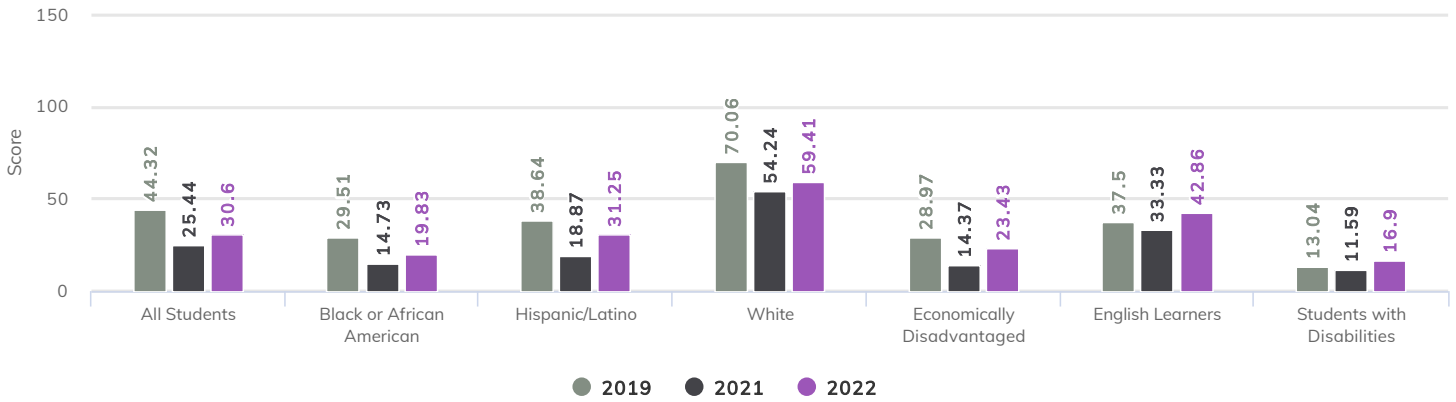


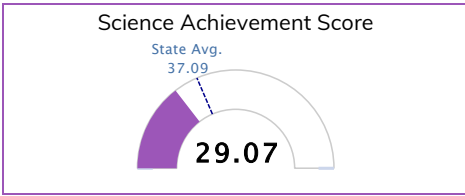
Reading at Grade Level Points Table

Score: $(164 / 536) * 100 = 30.6$

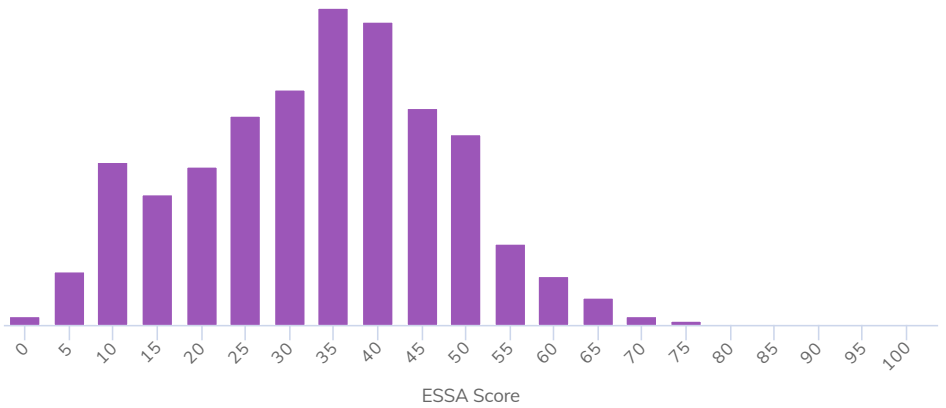
Total Students	536
Total # Points Possible	536
Total # Points Earned	164
Points Per Student	
Student achieved Ready or Exceeds (ACT Aspire) in reading	1.0 Point
Student achieved below grade level	0.0 Points

Percent of Points Earned for Reading at Grade Level





State Distribution of School-Level Science Achievement



Science Achievement Points Table

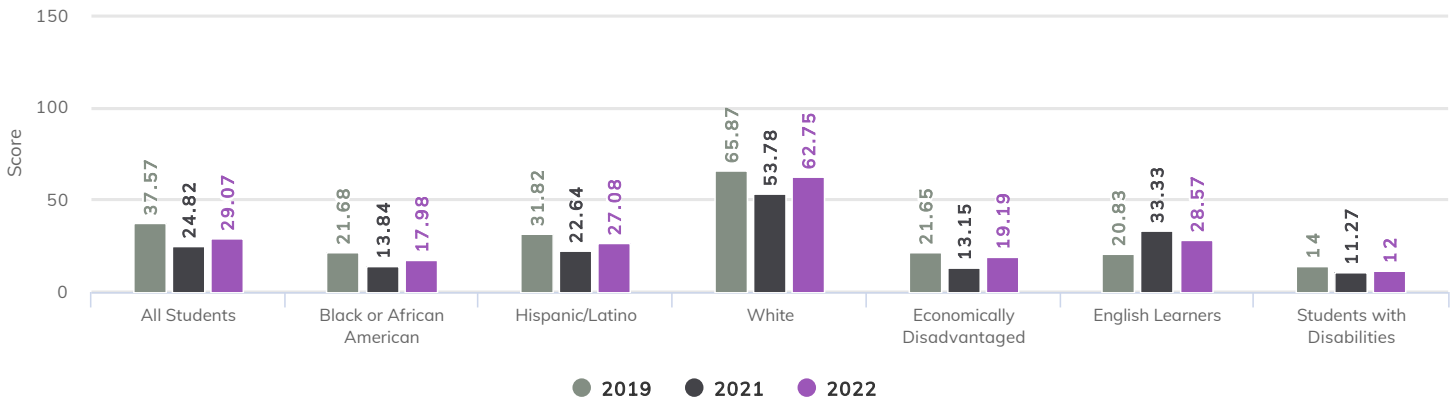
Score: $(157 / 540) * 100 = 29.07$

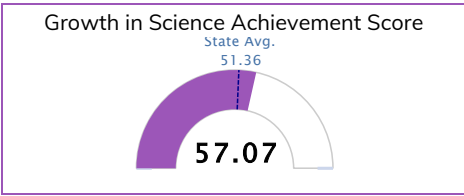
Total Students	540
Total # Points Possible	540
Total # Points Earned	157

Points Per Student

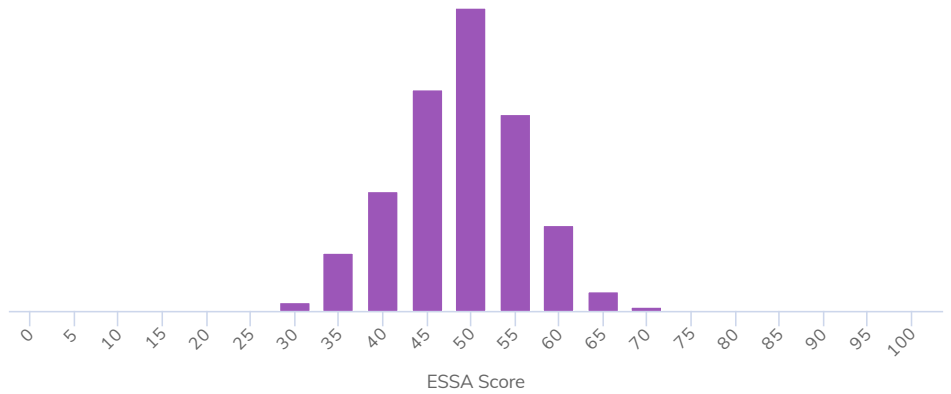
Student achieved Ready or Exceeds (ACT Aspire) in science	1.0 Point
Student achieved "At Target" or "Advanced" on the DLM, in science	1.0 Point
Student achieved below grade level	0.0 Points

Percent of Points Earned for Science Achievement





State Distribution of School-Level Growth in Science Achievement



Growth in Science Achievement Points Table

Score: $(226 / 396) * 100 = 57.07$

Total Students	396
Total # Points Possible	396
Total # Points Earned	226

Points Per Student

Growth at/above the 75th percentile of growth of students in the same grade	1.0 Point
Growth at/above the 25th percentile to less than 75th of growth of students in same grade	0.5 Points
Growth below the 25th percentile of growth of students in same grade	0.0 Points

Percent of Points Earned for Growth in Science Achievement

