











SPOTlight: School Year 2022-2023

High School of Engineering and Science			
School Code	4030	Principal Name	Darryl Johnson
Sector	District	Address	1600 W Norris St
Network	Network 1	Phone	215 400 7380
Report Type	High School	Admission Category	Criteria Based
Receives K8 Report	Yes	October 1 Enrollment	802
Grades in Report	9 12		
Website	hses.philasd.org		

School Performance Outcomes Table

CONDITIONS FOR SUCCESS				
Metric Name	2021-22 Results	2022-23 Results	2022-23 Progress	Metric Description
Student Attendance	83.5%	83.4%	-0.1 %-pts 	Percentage of students attending 90% or more of instructional days
Teacher Attendance	85.1%	90.2%	+5.1 %-pts 	Percentage of teachers attending 90% or more of work days
Student Dropouts (Grades 9-12)	3	3	+0 	Number of students no longer enrolled, and who did not transfer or graduate
Graduation Rate (4-Year Cohort)	98.5%	100.0%	+1.5 %-pts 	Percentage of students graduating high school within four years of first-time enrollment in 9th grade

ACADEMIC GOALS						
Metric Name	2018-19 Results*	2022-23 Results	2022-23 Progress	2018-19 Results*	2022-23 Results	2022-23 Progress
Goal 4: Best by 11th Grade	Keystone Proficient or Advanced			Keystone Below Basic		
Algebra 1	84.9%	62.0%	-22.9 %-pts 	0.0%	1.8%	+1.8 %-pts 
Biology	92.9%	45.3%	-47.7 %-pts 	0.0%	10.6%	+10.6 %-pts 
Literature	91.9%	93.3%	+1.4 %-pts 	0.0%	0.0%	+0.0 %-pts 

* Due to COVID-19 pandemic-related test cancellations and exemptions, Keystone results for 2022-23 are compared to pre-pandemic (2018-19) performance.

Metric Name	2021-22 Results	2022-23 Results	2022-23 Progress	Metric Description
Goal 5: Grade 12 CTE	NOCTI Competent or Advanced			
NOCTI	Insufficient Sample			Percentage of students passing the industry standards assessment specific to each Career and Technical Education (CTE) program

All SPOTlight indicator colors are based on unrounded changes in results. Percentage point changes are rounded to the nearest tenth for display.

SPOTlight Legend:	Improving 	Maintaining 	Not Improving 
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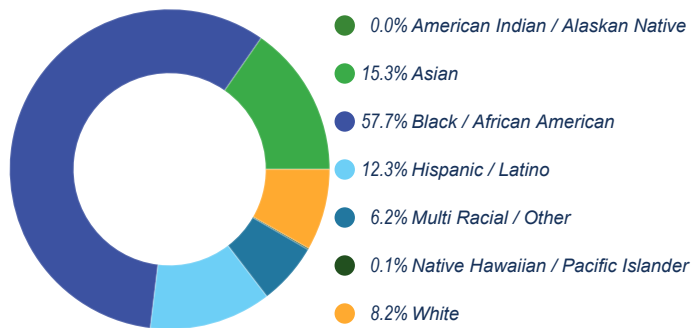


High School of Engineering and Science

2022-2023 SCHOOL PROGRESS REPORT ON EDUCATION AND EQUITY

School Code | 4030 Sector | District Network | Network 1
Principal Name | Darryl Johnson Address | 1600 W Norris St
Phone | 215-400-7380 Website | hses.philasd.org
Report Type | High School Grades in Report | 9-12
Admissions Category | Criteria-Based
Receives K8 Report | Yes Oct 1 Enrollment | 802

Student Enrollment and Demographics



807

of Students Served Over the Full Year

3.1%

% of Students with IEPs

1.9%

% of Students Identified as English Learners

56.7%

% of Students Identified as Economically Disadvantaged

Student Attendance

59.0%

% of Students Attending at Least 95% of Instructional Days

83.4%

% of Students Attending at Least 90% of Instructional Days

Score Level	Performance	Improvement	Level
Not Applicable for 2022-2023	Black / African American		
	Insufficient Data for Score	Insufficient Data for Score	NA
Performance	Hispanic / Latino		
Insufficient Data for Score	Insufficient Data for Score	Insufficient Data for Score	NA
Improvement	Multi Racial / Other		
Improving in 4 out of 12 Eligible Metrics 33.3%	Insufficient Data for Score	Insufficient Data for Score	NA
Goal Performance (All Students)	White		
Four-Year Cohort Graduation Rate	Insufficient Data for Score	Insufficient Data for Score	NA
Score: 100.0%	American Indian / Alaskan Native		
IMPROVING +1.5 From Prior Year ✓	Insufficient Data for Score	Insufficient Data for Score	NA
GOAL 4 Keystone: % of Students Proficient or Advanced on All 3 Keystones, Grade 11	Asian		
Score: 35.8%	Insufficient Data for Score	Insufficient Data for Score	NA
NOT IMPROVING -43.7 From Prior Year ✗	Native Hawaiian / Pacific Islander		
GOAL 5 % of 12th Grade CTE Students Meeting Industry Standards	Insufficient Data for Score	Insufficient Data for Score	NA
Insufficient Sample	English Learners		
	Insufficient Data for Score	Insufficient Data for Score	NA
	Students with IEPs		
	Insufficient Data for Score	Insufficient Data for Score	NA
	Economically Disadvantaged		
	Insufficient Data for Score	Insufficient Data for Score	NA

● Improving ● Maintaining
● Not Improving ● Not Applicable

Climate, Culture & Opportunity

Conditions for Success

School Code | 4030 School Name | High School of Engineering and Science

% of Students Attending 90%+ of Days

All Students

807 Students

Score: 83.4%



MAINTAINING

-0.1 From Prior Year



% of Students Attending

Greater Than 95% of Instructional Days

59.0%

90-95% of Instructional Days

24.4%

85-90% of Instructional Days

7.6%

80-85% of Instructional Days

4.5%

Less than 80% of Instructional Days

4.6%

Number of Dropouts

All Students

Grades 9-12

Students: 3

MAINTAINING

+0.0 From Prior Year



% of Students Receiving Zero Out-of-School Suspensions

All Students

807 Students

Score: 98.5%



MAINTAINING

+0.0 From Prior Year



* Schools that are performing at the most positive value for a metric automatically receive a label of "Improving", even if no change in performance occurred.

Climate, Culture & Opportunity

Conditions for Success

School Code | 4030 School Name | High School of Engineering and Science

% of Teachers Attending 90%+ of Days

All Teachers

51 Teachers

Score: 90.2%



IMPROVING

+5.1 From Prior Year



Additional Teacher Metrics

44.2%

% of Teachers Rated as Distinguished

55.8%

% of Teachers Rated as Proficient

86.3%






Year-to-Year Teacher Retention

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College & Career: Every Student Graduates Ready for College and Careers

Conditions for Success

School Code | 4030 School Name | High School of Engineering and Science







Four-Year Cohort Graduation Rate	Other Key Metrics		
<p>All Students 182 out of 182 Students</p> <p>Score: 100.0%</p> <p>IMPROVING +1.5 From Prior Year </p>	<p>95.8% Ninth-Grade On-Track Rate</p> <p>83.4% First-Fall Matriculation</p> <p>51.7% % of Students Completing the FAFSA by End of 12th Grade</p>		
<p>Black / African American 105 out of 105 Students</p> <p>Score: 100.0%</p> <p>IMPROVING +0.7 From Prior Year </p>			
<p>Hispanic / Latino 22 out of 22 Students</p> <p>Score: 100.0%</p> <p>Not Applicable No Data Prior Year </p>			
<p>Multi Racial / Other</p> <p>Insufficient Sample</p>			
<p>White</p> <p>Insufficient Sample</p>			
<p>American Indian / Alaskan Native</p> <p>Insufficient Sample</p>			
<p>Asian 28 out of 28 Students</p> <p>Score: 100.0%</p> <p>IMPROVING +4.2 From Prior Year </p>			
<p>Native Hawaiian / Pacific Islander</p> <p>Insufficient Sample</p>			
<p>English Learners</p> <p>Insufficient Sample</p>			
<p>Students with IEPs</p> <p>Insufficient Sample</p>			
<p>Economically Disadvantaged 116 out of 116 Students</p> <p>Score: 100.0%</p> <p>IMPROVING +2.7 From Prior Year </p>			

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College & Career: Every Student Graduates Ready for College and Careers

Goal 4 - Keystone Algebra I Proficiency, Grade 11

School Code | 4030 School Name | High School of Engineering and Science

Keystone Algebra 1: % of Students Proficient or Advanced, Grade 11	Keystone Algebra 1: % of Students Below Basic, Grade 11
<p>All Students 106 out of 171 Students</p> <p>Score: 62.0%</p> <p>NOT IMPROVING -22.9 From Prior Year </p>	<p>All Students 3 out of 171 Students</p> <p>Score: 1.8%</p> <p>NOT IMPROVING +1.8 From Prior Year </p>
<p>Black / African American 64 out of 112 Students</p> <p>Score: 57.1%</p> <p>Not Applicable No Data Prior Year </p>	<p>Black / African American 3 out of 112 Students</p> <p>Score: 2.7%</p> <p>Not Applicable No Data Prior Year </p>
<p>Hispanic / Latino</p> <p>Insufficient Sample</p>	<p>Hispanic / Latino</p> <p>Insufficient Sample</p>
<p>Multi Racial / Other</p> <p>Insufficient Sample</p>	<p>Multi Racial / Other</p> <p>Insufficient Sample</p>
<p>White</p> <p>Insufficient Sample</p>	<p>White</p> <p>Insufficient Sample</p>
<p>American Indian / Alaskan Native</p> <p>Insufficient Sample</p>	<p>American Indian / Alaskan Native</p> <p>Insufficient Sample</p>
<p>Asian</p> <p>Insufficient Sample</p>	<p>Asian</p> <p>Insufficient Sample</p>
<p>Native Hawaiian / Pacific Islander</p> <p>Insufficient Sample</p>	<p>Native Hawaiian / Pacific Islander</p> <p>Insufficient Sample</p>
<p>English Learners</p> <p>Insufficient Sample</p>	<p>English Learners</p> <p>Insufficient Sample</p>
<p>Students with IEPs</p> <p>Insufficient Sample</p>	<p>Students with IEPs</p> <p>Insufficient Sample</p>
<p>Economically Disadvantaged 59 out of 96 Students</p> <p>Score: 61.5%</p> <p>Not Applicable No Data Prior Year </p>	<p>Economically Disadvantaged 3 out of 96 Students</p> <p>Score: 3.1%</p> <p>Not Applicable No Data Prior Year </p>







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College & Career: Every Student Graduates Ready for College and Careers

Goal 4 - Keystone Biology Proficiency, Grade 11

School Code | 4030 School Name | High School of Engineering and Science

Keystone Biology: % of Students Proficient or Advanced, Grade 11	Keystone Biology: % of Students Below Basic, Grade 11
<p>All Students 81 out of 179 Students</p> <p>Score: 45.3% NOT IMPROVING -47.7 From Prior Year </p>	<p>All Students 19 out of 179 Students</p> <p>Score: 10.6% NOT IMPROVING +10.6 From Prior Year </p>
<p>Black / African American 50 out of 115 Students</p> <p>Score: 43.5% Not Applicable No Data Prior Year </p>	<p>Black / African American 16 out of 115 Students</p> <p>Score: 13.9% Not Applicable No Data Prior Year </p>
<p>Hispanic / Latino</p> <p>Insufficient Sample</p>	<p>Hispanic / Latino</p> <p>Insufficient Sample</p>
<p>Multi Racial / Other</p> <p>Insufficient Sample</p>	<p>Multi Racial / Other</p> <p>Insufficient Sample</p>
<p>White</p> <p>Insufficient Sample</p>	<p>White</p> <p>Insufficient Sample</p>
<p>American Indian / Alaskan Native</p> <p>Insufficient Sample</p>	<p>American Indian / Alaskan Native</p> <p>Insufficient Sample</p>
<p>Asian</p> <p>Insufficient Sample</p>	<p>Asian</p> <p>Insufficient Sample</p>
<p>Native Hawaiian / Pacific Islander</p> <p>Insufficient Sample</p>	<p>Native Hawaiian / Pacific Islander</p> <p>Insufficient Sample</p>
<p>English Learners</p> <p>Insufficient Sample</p>	<p>English Learners</p> <p>Insufficient Sample</p>
<p>Students with IEPs</p> <p>Insufficient Sample</p>	<p>Students with IEPs</p> <p>Insufficient Sample</p>
<p>Economically Disadvantaged 47 out of 100 Students</p> <p>Score: 47.0% Not Applicable No Data Prior Year </p>	<p>Economically Disadvantaged 9 out of 100 Students</p> <p>Score: 9.0% Not Applicable No Data Prior Year </p>

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College & Career: Every Student Graduates Ready for College and Careers

Goal 4 - Keystone Literature Proficiency, Grade 11

School Code | 4030 School Name | High School of Engineering and Science

Keystone Literature: % of Students Proficient or Advanced, Grade 11	Keystone Literature: % of Students Below Basic, Grade 11
All Students <i>167 out of 179 Students</i> Score: 93.3% <div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #28a745; color: white; padding: 2px 5px; border-radius: 10px;">IMPROVING</div> +1.4 From Prior Year </div>	All Students <i>0 out of 179 Students</i> Score: 0.0% <div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #28a745; color: white; padding: 2px 5px; border-radius: 10px;">IMPROVING</div> +0.0 From Prior Year </div>
Black / African American <i>108 out of 115 Students</i> Score: 93.9% <div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 10px;">Not Applicable</div> No Data Prior Year </div>	Black / African American <i>0 out of 115 Students</i> Score: 0.0% <div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 10px;">Not Applicable</div> No Data Prior Year </div>
Hispanic / Latino Insufficient Sample	Hispanic / Latino Insufficient Sample
Multi Racial / Other Insufficient Sample	Multi Racial / Other Insufficient Sample
White Insufficient Sample	White Insufficient Sample
American Indian / Alaskan Native Insufficient Sample	American Indian / Alaskan Native Insufficient Sample
Asian Insufficient Sample	Asian Insufficient Sample
Native Hawaiian / Pacific Islander Insufficient Sample	Native Hawaiian / Pacific Islander Insufficient Sample
English Learners Insufficient Sample	English Learners Insufficient Sample
Students with IEPs Insufficient Sample	Students with IEPs Insufficient Sample
Economically Disadvantaged <i>93 out of 100 Students</i> Score: 93.0% <div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 10px;">Not Applicable</div> No Data Prior Year </div>	Economically Disadvantaged <i>0 out of 100 Students</i> Score: 0.0% <div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 10px;">Not Applicable</div> No Data Prior Year </div>

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College & Career: Every Student Graduates Ready for College and Careers

Goal 4 - Keystone Overall Proficiency, Grade 11

Goal 5 - Career and Technical Education, Grade 12

School Code | 4030 School Name | High School of Engineering and Science

Keystone All Subjects: % of Students Proficient or Advanced, Grade 11

All Students

64 out of 179 Students

Score: 35.8%

NOT IMPROVING

-43.7 From Prior Year



Black / African American

40 out of 115 Students

Score: 34.8%

Not Applicable

No Data Prior Year



Hispanic / Latino

Insufficient Sample

Multi Racial / Other

Insufficient Sample

White

Insufficient Sample

American Indian / Alaskan Native

Insufficient Sample

Asian

Insufficient Sample

Native Hawaiian / Pacific Islander

Insufficient Sample

English Learners

Insufficient Sample

Students with IEPs

Insufficient Sample

Economically Disadvantaged

36 out of 100 Students

Score: 36.0%

Not Applicable

No Data Prior Year



% of 12th Grade CTE Students Meeting Industry Standards

All Students

Insufficient Sample

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