THE SCHOOL DISTRICT OF PHILADELPHIA

HIGH SCHOOL OF ENGINEERING AND SCIENCE

2021-22 SCHOOL PROGRESS REPORT ON EDUCATION AND EQUITY

School Code | 4030 **Sector |** District **Network |** Network 1
Principal Name | Mr 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
Turnaround Model | N/A
Receives K8 Report | Yes
Oct 1 Enrollment | 782

Student Enrollment and Demographics

- 0.0% American Indian / Alaskan Native
- 13.4% Asian
- 62.0% Black / African American
- 11.1% Hispanic / Latino
- 5.4% Multi Racial / Other
- 0.1% Native Hawaiian / Pacific Islander
- 7.9% White

787	2.3%
Total Number of Students Served for 10+ Days Over the Year	% Students with IEPs
0.9%	**51.7%**
% English Learners	% Economically Disadvantaged

Student Attendance

61.0%	83.5%
% Students Attending at Least 95% of Instructional Days	% Students Attending at Least 90% of Instructional Days

Score Level

Level 1

Performance

At or Above Target in
7 out of 8 *Eligible Metrics*

87.5 %

Improvement

Insufficient Data for Score

Goal Performance (All Students)

GOAL 4 | % of 11th Graders Proficient on Algebra, Biology, & Literature Keystones

Score: 71.4 %

39.7 pts above 2021-2022 target

| MEETING 2026 GOAL | no data prior year | — |

GOAL 5 | % of 12th Grade Career and Technical Education (CTE) Students Meeting Industry Standards

Insufficient Sample

- ● *Meeting Target*
- ● *Not Meeting Target*

	Performance	Improvement	Level
American Indian / Alaskan Native	Insufficient Data for Score	Insufficient Data for Score	
Asian	Insufficient Data for Score	Insufficient Data for Score	
Black / African American	Insufficient Data for Score	Insufficient Data for Score	
Hispanic / Latino	Insufficient Data for Score	Insufficient Data for Score	
Multi Racial / Other	Insufficient Data for Score	Insufficient Data for Score	
Native Hawaiian / Pacific Islander	Insufficient Data for Score	Insufficient Data for Score	
White	Insufficient Data for Score	Insufficient Data for Score	
English Learners	Insufficient Data for Score	Insufficient Data for Score	
Students with IEPs	Insufficient Data for Score	Insufficient Data for Score	
Economically Disadvantaged	Insufficient Data for Score	Insufficient Data for Score	

College & Career: Every Student Graduates Ready for College and Careers
Goal 4 - Keystone Proficiency

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

Goal 4: The percentage of students who are proficient on all three state high school assessments (Algebra, Literature, and Biology) by the end of their 11th grade year will grow from 26.1% in August 2019 to 52.0% by August 2026.

% of 11th Graders Proficient on Algebra, Biology, & Literature Keystones

All Students, *192 students*

Score: 71.4 %

2021-2022 Target: 31.7 %
39.7 pts above target

2025-2026 Goal: 52.0 %
19.4 pts above target

| MEETING 2026 GOAL | no data prior year | ⊖ |

● *Meeting Target*
● *Not Meeting Target*

American Indian / Alaskan Native
Insufficient Sample

Asian, *28 students*
Score: 60.7 %
29.0 pts above target
| MEETING 2026 GOAL | no data prior year | ⊖ |
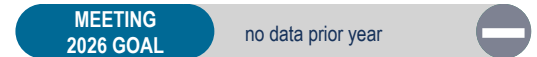
Black / African American, *111 students*
Score: 69.4 %
37.7 pts above target
| MEETING 2026 GOAL | no data prior year | ⊖ |
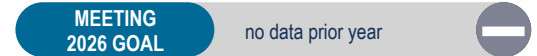
Hispanic / Latino, *24 students*
Score: 95.8 %
64.1 pts above target
| MEETING 2026 GOAL | no data prior year | ⊖ |
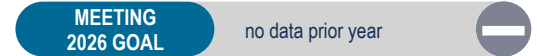
Multi Racial / Other
Insufficient Sample

Native Hawaiian / Pacific Islander
Insufficient Sample

White
Insufficient Sample

English Learners
Insufficient Sample

Students with IEPs
Insufficient Sample

Economically Disadvantaged, *107 students*
Score: 70.1 %
38.4 pts above target
| MEETING 2026 GOAL | no data prior year | ⊖ |

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

Goal 5 - Career and Technical Education | Graduation and College Readiness

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

Goal 5: The percentage of Career and Technical Education (CTE) students who pass an industry standards-based competency assessment by the end of their 12th grade year will grow from 54.5% in August 2019 to 80.0% in August 2026.
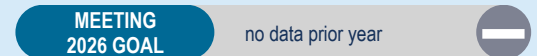
% of 12th Grade CTE Students Meeting Industry Standards

All Students

Insufficient Sample

AP, IB, or Dual Enrollment Course Metrics

31.3 %	**40.3 %**	**28.4 %**
% of Students Meeting Standard on AP Exam, on IB Exam, or in Dual Enrollment Course by End of 12th Grade	% of Students Participating in but Not Meeting Standard on AP Exam, IB Exam, or Dual Enrollment Course by the End of 12th Grade	% of Students Not Participating in AP Exam, IB Exam, or Dual Enrollment Course by the End of 12th Grade

Other Key Metrics

97.4 %	**78.8 %**	**79.1 %**
Ninth-Grade On-Track Rate	First-Fall Matriculation	% of Students Completing the FAFSA by End of 12th Grade

● *Meeting Target*
● *Not Meeting Target*

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

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

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Four-Year Cohort Graduation Rate

All Students, *199 students*

Score: 98.5 %

2021-2022 Target: 87.7 %
10.8 pts above target

2025-2026 Goal: 90.0 %
8.5 pts above target

MEETING 2026 GOAL | no data prior year

- ● *Meeting Target*
- ● *Not Meeting Target*

American Indian / Alaskan Native
Insufficient Sample

Asian, *24 students*
Score: 95.8 %
8.1 pts above target
MEETING 2026 GOAL | no data prior year
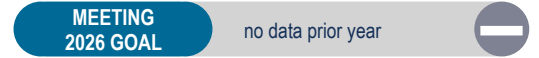
Black / African American, *138 students*
Score: 99.3 %
11.6 pts above target
MEETING 2026 GOAL | no data prior year
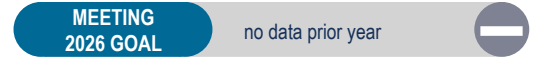
Hispanic / Latino
Insufficient Sample

Multi Racial / Other
Insufficient Sample

Native Hawaiian / Pacific Islander
Insufficient Sample

White
Insufficient Sample

English Learners
Insufficient Sample

Students with IEPs
Insufficient Sample

Economically Disadvantaged, *111 students*
Score: 97.3 %
9.6 pts above target
MEETING 2026 GOAL | no data prior year

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

Graduation and College Readiness

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

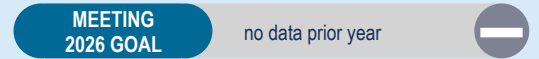| Four-Year Cohort Drop-Out Rate		Four-Year Cohort Continuation Rate	
All Students *0 out of 199 students*	**Score: 0.0%**	**All Students** *3 out of 199 students*	**Score: 1.5%**
American Indian / Alaskan Native	**Insufficient Sample**	**American Indian / Alaskan Native**	**Insufficient Sample**
Asian *0 out of 24 students*	**Score: 0.0%**	**Asian** *1 out of 24 students*	**Score: 4.2%**
Black / African American *0 out of 138 students*	**Score: 0.0%**	**Black / African American** *1 out of 138 students*	**Score: 0.7%**
Hispanic / Latino	**Insufficient Sample**	**Hispanic / Latino**	**Insufficient Sample**
Multi Racial / Other	**Insufficient Sample**	**Multi Racial / Other**	**Insufficient Sample**
Native Hawaiian / Pacific Islander	**Insufficient Sample**	**Native Hawaiian / Pacific Islander**	**Insufficient Sample**
White	**Insufficient Sample**	**White**	**Insufficient Sample**
English Learners	**Insufficient Sample**	**English Learners**	**Insufficient Sample**
Students with IEPs	**Insufficient Sample**	**Students with IEPs**	**Insufficient Sample**
Economically Disadvantaged *0 out of 111 students*	**Score: 0.0%**	**Economically Disadvantaged** *3 out of 111 students*	**Score: 2.7%**

Climate, Culture & Opportunity
Guardrail 1 - Welcoming and Supportive Schools
School Code | 4030 **School Name |** High School of Engineering and Science

Guardrail 1: Every school will be a safe, welcoming and healthy place where our students, staff and community want to be and learn each day. This means that our schools will be: 1) environmentally safe and clean; and 2) spaces with inclusive climates that provide students with access to robust social, emotional, and mental health supports.

School Climate Score

Score: 7.0

2021-2022 Target: 7.0
at target

2025-2026 Goal: 7.0
at target

MEETING 2026 GOAL   no data prior year

School Climate Survey

7.7/10
Student Rating

9.1/10
Parent Rating

6.2/10
Teacher Rating

School Instruction Score

Score: 7.6

2021-2022 Target: 8.0
-0.4 pts from target

2025-2026 Goal: 8.0
-0.4 pts from target

NOT MEETING   no data prior year

School Instruction Survey

7.9/10
Student Rating

8.0/10
Parent Rating

6.9/10
Teacher Rating

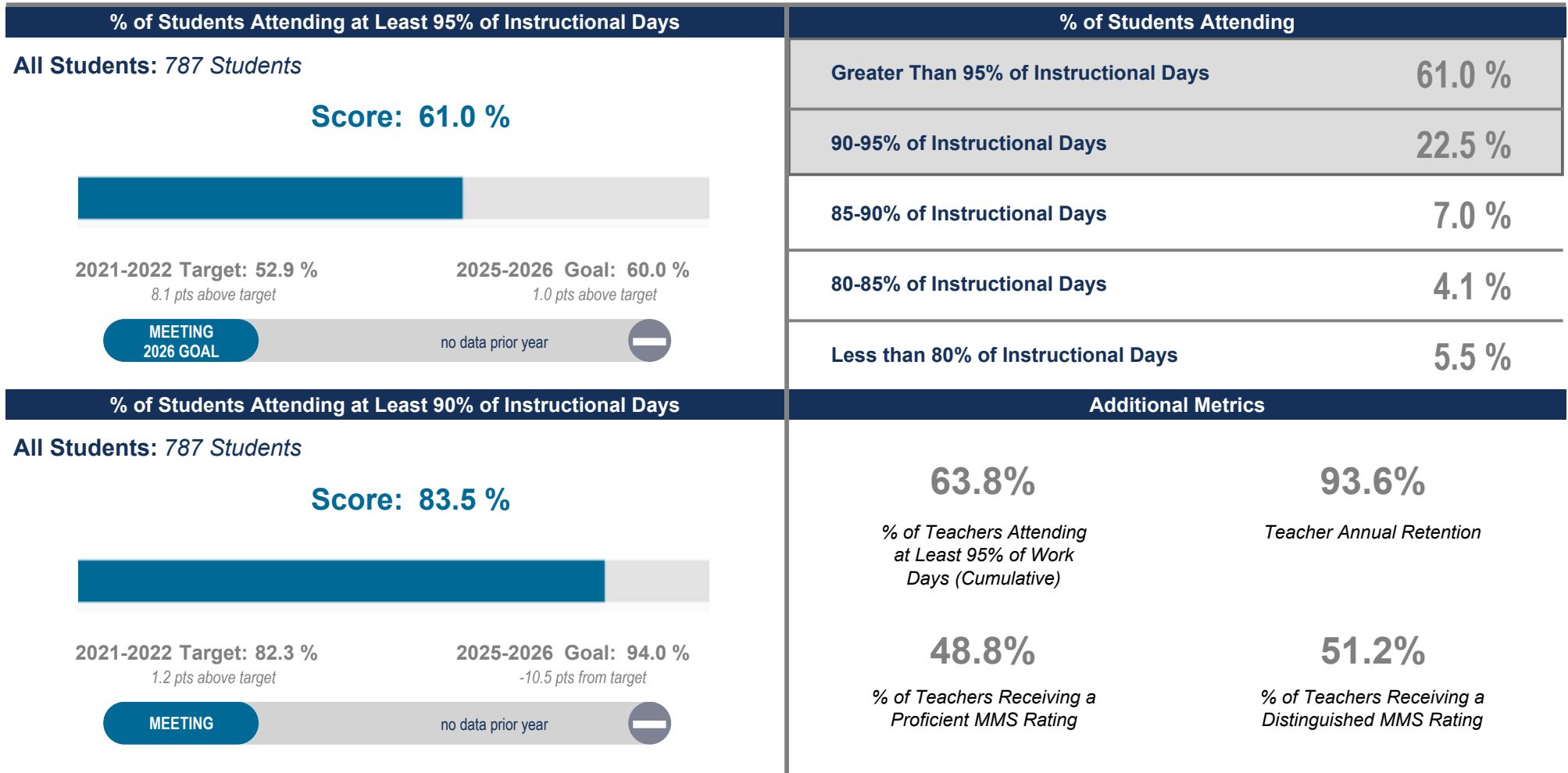● *Meeting Target*
● *Not Meeting Target*

No

School Has at Least 2 Behavioral/Mental Health Support FTEs per 500 Students

Climate, Culture & Opportunity
Guardrail 1 - Welcoming and Supportive Schools

Guardrail 1: Every school will be a safe, welcoming and healthy place where our students, staff and community want to be and learn each day. This means that our schools will be: 1) environmentally safe and clean; and 2) spaces with inclusive climates that provide students with access to robust social, emotional, and mental health supports.

% of Students Attending at Least 95% of Instructional Days

All Students: *787 Students*

Score: 61.0 %

2021-2022 Target: 52.9 %
8.1 pts above target

2025-2026 Goal: 60.0 %
1.0 pts above target

MEETING 2026 GOAL   no data prior year

% of Students Attending	
Greater Than 95% of Instructional Days	**61.0 %**
90-95% of Instructional Days	**22.5 %**
85-90% of Instructional Days	7.0 %
80-85% of Instructional Days	4.1 %
Less than 80% of Instructional Days	5.5 %

% of Students Attending at Least 90% of Instructional Days

All Students: *787 Students*

Score: 83.5 %

2021-2022 Target: 82.3 %
1.2 pts above target

2025-2026 Goal: 94.0 %
-10.5 pts from target

MEETING   no data prior year

Additional Metrics	
63.8%	**93.6%**
% of Teachers Attending at Least 95% of Work Days (Cumulative)	*Teacher Annual Retention*
48.8%	**51.2%**
% of Teachers Receiving a Proficient MMS Rating	*% of Teachers Receiving a Distinguished MMS Rating*

● *Meeting Target*

● *Not Meeting Target*

Climate, Culture & Opportunity

Guardrail 2 - Enriching and Well-rounded School Experiences

Guardrail 3 - Partnering with Parents / Family Members

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

Guardrail 2: Every student will have a well-rounded education with co-curricular opportunities, including arts and athletics, integrated into the school experience.

Guardrail 3: Every parent and guardian will be welcomed and encouraged to be partners in their child's school community.

% of Students Participating in Co-Curricular / Athletics Activities

% of Students Participating in Co-Curricular / Athletics Activities

Data Unavailable

School Relationship Score

Score: 8.0

2021-2022 Target: 8.0
at target

MEETING 2026 GOAL   no data prior year

Additional Metrics

Yes

School Has a SAC/Parent Advisory Group

Yes

School Has a SAC/Parent Advisory Group That Meets Regularly

4

Number of SAC/Parent Advisory Group Meetings
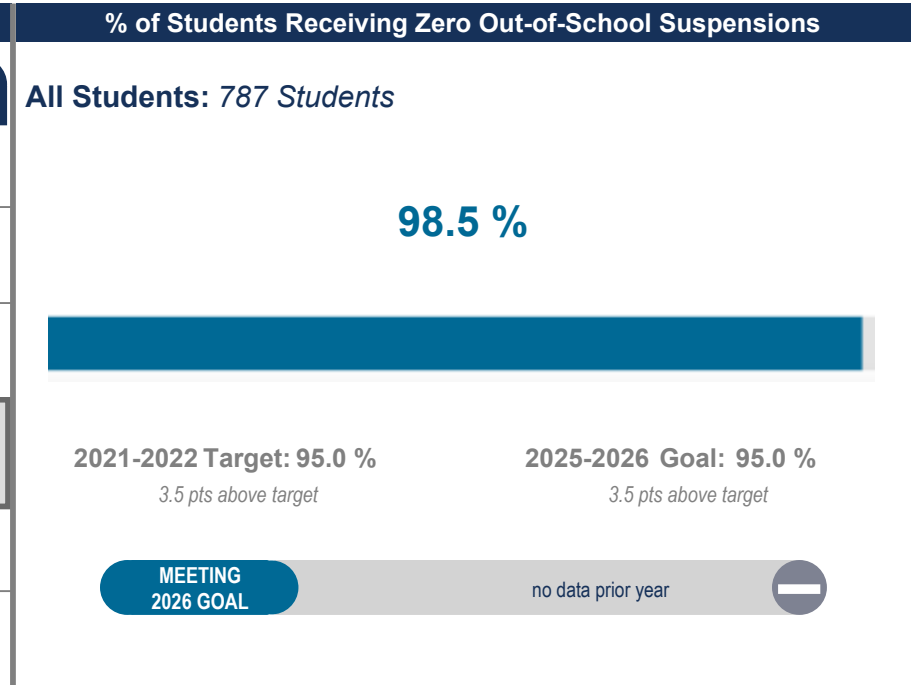

● *Meeting Target*
● *Not Meeting Target*

Climate, Culture & Opportunity
Guardrail 4 - Addressing Racist Practices

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

Guardrail 4: Our students' potential will not be limited by practices that perpetuate systemic racism and hinder student achievement.

Suspension Disproportionality	% of Enrollment (Total Enrollment)		% of Suspensions Given to Each Subgroup
All Students		(782)	
American Indian / Alaskan Native	0.0 %	(0)	0.0 %
Asian	13.4 %	(105)	8.3 %
Black / African American	62.0 %	(485)	66.7 %
Hispanic / Latino	11.1 %	(87)	8.3 %
Multi Racial / Other	5.4 %	(42)	0.0 %
Native Hawaiian / Pacific Islander	0.1 %	(1)	0.0 %
White	7.9 %	(62)	16.7 %
English Learners	0.9 %	(7)	0.0 %
Students with IEPs	2.3 %	(18)	0.0 %
Economically Disadvantaged	51.7 %	(404)	75.0 %

% of Students Receiving Zero Out-of-School Suspensions

All Students: *787 Students*

98.5 %

2021-2022 Target: 95.0 %	2025-2026 Goal: 95.0 %
3.5 pts above target	*3.5 pts above target*

MEETING 2026 GOAL   no data prior year

Disproportionality in AP, IB, and Dual Enrollment Courses

All Students	Black / African American	Hispanic / Latino
81.6 %	82.0 %	68.4 %

● *Meeting Target*
● *Not Meeting Target*