

High School of Engineering and Science

School Code 403
 Sector District
 Address 1600 W. Norris St., 19121
 Phone/Fax 215-400-7380 / 215-400-7381
 Website philasd.org/hses

Report Type MS
 Grades in Report 7-8
 Enrollment 118
 Admissions Category Special Admit
 Turnaround Model N/A

Performance Tiers Legend

INTERVENE (0-24%)

WATCH (25-49%)

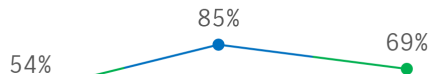
REINFORCE (50-74%)

MODEL (75-100%)

2016-2017 2017-2018 2018-2019 3-YEAR AVG

OVERALL: REINFORCE (69%)

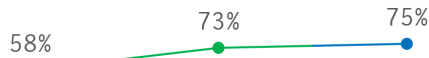
A school's overall score represents its combined performance on the Achievement, Progress, Climate, and College & Career (for high schools only) domains.



69.3%

Achievement: MODEL (75%)

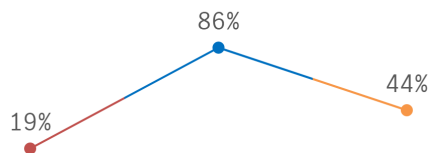
The Achievement domain measures performance on standardized assessments, including PSSA, Keystone Exams, ACCESS for ELLs, and reading assessments.



68.7%

Progress: WATCH (44%)

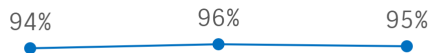
The Progress domain measures growth on standardized assessments and progress towards graduation (for high schools only).



49.7%

Climate: MODEL (95%)

The Climate domain measures school climate as well as student and parent/guardian engagement.



95.0%

Achievement

METRIC	METRIC SCORE	POINTS EARNED	TIER
PSSA: English Language Arts % Proficient or Advanced	94% (108 students)	9.19 out of 10.00 (92%)	MODEL
Grade 5 - % Proficient or Advanced			NOT APPLICABLE
Grade 6 - % Proficient or Advanced			NOT APPLICABLE
Grade 7 - % Proficient or Advanced	93% (54 students)		
Grade 8 - % Proficient or Advanced	94% (54 students)		
% Advanced	23% (108 students)	1.85 out of 2.00 (93%)	MODEL
ACCESS for ELLs: % 4.5 or Above			INSUFFICIENT SAMPLE

Achievement section continues on next page.

Achievement (Continued)

METRIC	METRIC SCORE	POINTS EARNED	TIER
PSSA: Mathematics			
% Proficient or Advanced	64% (107 students)	5.56 out of 10.00 (56%)	REINFORCE
Grade 5 - % Proficient or Advanced			NOT APPLICABLE
Grade 6 - % Proficient or Advanced			NOT APPLICABLE
Grade 7 - % Proficient or Advanced	72% (54 students)		
Grade 8 - % Proficient or Advanced	57% (53 students)		
% Advanced	14% (107 students)	1.12 out of 2.00 (56%)	REINFORCE
PSSA: Science			
% Proficient or Advanced	83% (52 students)	3.13 out of 4.00 (78%)	MODEL
Grade 8 - % Proficient or Advanced	83% (52 students)		
% Advanced	19% (52 students)	0.38 out of 0.50 (77%)	MODEL
Achievement Total: % of Points Earned	75%	21.24 out of 28.50	MODEL

Progress

METRIC	METRIC SCORE	POINTS EARNED	TIER
PSSA Mathematics: Average Growth Index (AGI)	1.19	8.76 out of 12.00 (73%)	REINFORCE
PSSA English Language Arts: Average Growth Index (AGI)	0.17	4.68 out of 12.00 (39%)	WATCH
PSSA Science (Grade 8): Average Growth Index (AGI)	-2.51	0.00 out of 5.00 (0%)	INTERVENE
ACCESS for ELLs: % of Students Meeting Growth Target			DATA NOT AVAILABLE

Progress On Equity

PSSA Mathematics: AGI for Lowest-Performing 33% of Students	0.21	1.61 out of 4.00 (40%)	WATCH
PSSA English Language Arts: AGI for Lowest-Performing 33% of Students	0.02	1.36 out of 4.00 (34%)	WATCH
Progress Total: % of Points Earned	44%	16.41 out of 37.00	WATCH

Climate

METRIC	METRIC SCORE	POINTS EARNED	TIER
% of Students Attending 95% or More of Instructional Days	85% (120 students)	12.00 out of 12.00 (100%)	MODEL
% Attending 90-95% of Days	12% (120 students)		
% Attending 85-90% of Days	0% (120 students)		
% Attending 80-85% of Days	1% (120 students)		
% Attending Less Than 80% of Days	3% (120 students)		
Annual Retention Rate	99% (114 students)	10.00 out of 10.00 (100%)	MODEL
% of Students with Zero In-School Suspensions	100% (120 students)	1.00 out of 1.00 (100%)	MODEL
% of Students with Zero Out-Of-School Suspensions	98% (120 students)	3.67 out of 4.00 (92%)	MODEL
Student Survey: School Climate Rating (% of most positive responses)	49%	0.49 out of 1.00 (49%)	WATCH
Parent Survey: School Climate Rating (% of most positive responses)	84%	0.84 out of 1.00 (84%)	MODEL
Parent/Guardian Survey: Participation Rate	27%	0.43 out of 1.00 (43%)	WATCH
Climate Total: % of Points Earned	95%	28.42 out of 30.00	MODEL

Educator Effectiveness

Teacher effectiveness measures are displayed in the School Progress Report, but not included in the SPR rating, to share data we have gathered to monitor and support teacher practice. This information is also used to develop responsive and customized professional learning for teachers to ensure that all students have access to great instruction.

In addition to other metrics, the SPR includes teachers' overall Multiple Measure Summary (MMS) effectiveness ratings. These ratings are comprised of teachers' Formal Observation, Student Learning Objectives, Teacher-Specific PVAAS, and the building-level score from the state of Pennsylvania's School Performance Profile (SPP, also known as Act 82).

Here are some important details that contextualize the teacher effectiveness data reported in the SPR.

- Teachers in a formal observation year who fail to receive a required observation receive a default observation score of 2 (Proficient) for any missing observation data, which may inflate the overall scores.
- Until District-wide inter-rater reliability norming is held for all principals, observation scores may vary significantly across schools and observers. As a result, comparisons of scores between schools may not be meaningful.
- The District's observation tool evaluates 10 components of the Danielson Framework for Teaching. Therefore, comparing SDP's observation scores to scores evaluated against all 22 components of the Danielson Framework may not be meaningful.

EDUCATOR EFFECTIVENESS INDICATORS

% of Teachers Receiving an MMS Rating of Distinguished	74%
% of Teachers Receiving an MMS Rating of Proficient	26%
% of Teachers Attending 95% or More of Days	83%
Student Survey: Student Perception of Quality of Teacher Practice (% of most positive responses)	54%

FOR MORE INFORMATION

More information about the School Progress Reports, including the User Guide, Public Business Rules, and FAQ, is available at philasd.org/spr.

NOTES ABOUT ROUNDING

All calculated values in the SPR (metric scores, percent of points earned, and points earned) are calculated using unrounded values; however, displayed values may differ slightly due to rounding for publication purposes.

UNDERSTANDING DUAL REPORTS

Schools that serve multiple grade spans receive separate SPRs for each grade span (for example, a school serving grades 6-12 receives a Middle School Report and a High School Report). The grades included in a particular report are displayed on the top right of the cover page.