

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 <http://philasd.org/hses>

Report Type High School
 Grades in Report 9-12
 Enrollment 777
 Admissions Category Special Admit
 Turnaround Model N/A

Performance Tiers

■ INTERVENE (0-24%) ■ WATCH (25-49%) ■ REINFORCE (50-74%) ■ MODEL (75-100%)

2015-16 2016-17 2017-18 3 YEAR AVG

OVERALL: MODEL (82%)

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



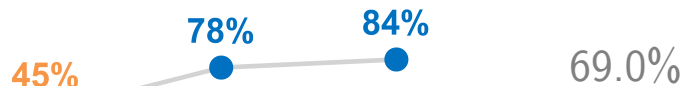
Achievement: REINFORCE (72%)

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



Progress: MODEL (84%)

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



Climate: MODEL (92%)

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



College & Career: MODEL (81%)

The College & Career domain measures college and career readiness and post-secondary outcomes.



Achievement

METRIC	METRIC SCORE	POINTS EARNED	TIER
Keystone Exam - Algebra I			
% Proficient or Advanced	68% (194 students)	4.75 out of 8.00 (59%)	REINFORCE
Grade 9 - % Proficient or Advanced	78% (138 students)		
% Advanced	19% (194 students)	1.11 out of 1.50 (74%)	REINFORCE
Keystone Exam - Biology			
% Proficient or Advanced	73% (244 students)	5.34 out of 8.00 (67%)	REINFORCE
% Advanced	28% (244 students)	1.50 out of 1.50 (100%)	MODEL
Keystone Exam - Literature			
% Proficient or Advanced	90% (197 students)	7.04 out of 8.00 (88%)	MODEL
% Advanced	15% (197 students)	0.91 out of 1.50 (61%)	REINFORCE
ACCESS for ELLs: % 4.5 or Above			INSUFFICIENT SAMPLE
Achievement Total: % of Points Earned	72%	20.65 out of 28.50	REINFORCE

Progress

METRIC	METRIC SCORE	POINTS EARNED	TIER
Keystone Exam - Algebra I: Average Growth Index (AGI)	2.21	6.50 out of 6.50 (100%)	MODEL
Keystone Exam - Biology: Average Growth Index (AGI)	0.43	3.10 out of 6.50 (48%)	WATCH
Keystone Exam - Literature: Average Growth Index (AGI)	3.54	6.50 out of 6.50 (100%)	MODEL
% of On-Track Students Earning Credits Required For Promotion	97% (585 students)	7.32 out of 8.00 (91%)	MODEL
% of Off-Track Students Earning Credits Required for Promotion			INSUFFICIENT SAMPLE
ACCESS for ELLs: % Growth in 60th Percentile or Above			SEE FOOTNOTE*

Progress, On Equity

Keystone Exam - Algebra I: AGI for Lowest-Performing 33% of Students	1.45	1.23 out of 1.50 (82%)	MODEL
Keystone Exam - Biology: AGI for Lowest-Performing 33% of Students	0.40	0.70 out of 1.50 (47%)	WATCH
Keystone Exam - Literature: AGI for Lowest-Performing 33% of Students	2.98	1.50 out of 1.50 (100%)	MODEL
Progress Total: % of Points Earned	84%	26.84 out of 32.00	MODEL

*The ACCESS exam was in transition in School Year 2017-18 as the state was undergoing a re-calibration of the assessment; therefore, the ACCESS growth metric on the SPR is suppressed.

Climate

METRIC	METRIC SCORE	POINTS EARNED	TIER
% of Students Attending 95% or More of Instructional Days	77% (785 students)	8.00 out of 8.00 (100%)	MODEL
% Attending 90% to 95% of days	16% (785 students)		
% Attending 85% to 90% of days	4% (785 students)		
% Attending 80% to 85% of days	2% (785 students)		
% Attending less than 80% of days	2% (785 students)		
Annual Retention Rate	98% (762 students)	6.00 out of 6.00 (100%)	MODEL
% of Students with Zero In-School Suspensions	100% (785 students)	0.49 out of 0.50 (99%)	MODEL
% of Students with Zero Out-of-School Suspensions	99% (785 students)	2.39 out of 2.50 (96%)	MODEL
Student Survey: School Climate Rating (% most positive responses)	57%	0.57 out of 1.00 (57%)	REINFORCE
Parent Survey: School Climate Rating (% most positive responses)	85%	0.85 out of 1.00 (85%)	MODEL
Parent/Guardian Survey: Participation Rate	10%	0.00 out of 1.00 (0%)	INTERVENE
Climate Total: % of Points Earned	92%	18.31 out of 20.00	MODEL

College & Career

METRIC	METRIC SCORE	POINTS EARNED	TIER
Four-Year Cohort Graduation Rate	98% (156 students)	4.15 out of 4.50 (92%)	MODEL
First-Fall College Matriculation Rate	79% (154 students)	1.48 out of 1.50 (99%)	MODEL
AP, IB, & NOCTI Exams Participation & Performance	14% (154 students)	0.09 out of 1.00 (9%)	INTERVENE
% Participating Not Meeting Threshold	56% (154 students)		
% Not Participating	30% (154 students)		
SAT & ACT Exams Participation & Performance	51% (154 students)	1.00 out of 1.00 (100%)	MODEL
% Participating Not Meeting Threshold	49% (154 students)		
% Not Participating	0% (154 students)		
FAFSA Completion Rate	83% (154 students)	1.00 out of 1.00 (100%)	MODEL
Student Survey: College & Career Readiness Rating (% most positive responses)	39%	0.39 out of 1.00 (39%)	WATCH
College and Career Total: % of Points Earned	81%	8.11 out of 10.00	MODEL

Educator Effectiveness

Teacher effectiveness measures are being described in the School Progress Report, but not included in the SPR rating, to share data we are gathering 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 teachers. Here are some important details to 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

Percentage of Teachers Receiving an Overall Observation Score of Distinguished	DATA NOT AVAILABLE
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Percentage of Teachers Receiving an Observation Score of Distinguished in Instruction	DATA NOT AVAILABLE
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Percentage of Teachers Attending 95% or More of Days	85%
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Student Survey: Student Perception of Quality of Teacher Practice (% most positive responses)	43%
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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.