

High School of Engineering and Science

School Code: 403
 Sector: District
 Address: 1600 W. Norris St., 19121
 Phone/Fax: 215-684-5079 / 215-684-5151
 Website: www.carver.phila.k12.pa.us

Report Type: High School (9-12)
 Peer Group: 4
 Enrollment: 760
 Admissions Category: Special Admit
 Turnaround Model: N/A

Performance Tiers

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

2013-2014 2014-2015 2015-2016 CITY RANK PEER RANK

OVERALL: 61% REINFORCE

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



8th
out of 83

2nd
out of 19

Achievement: 58% Reinforce

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



4th
out of 79

1st
out of 19

Progress: 45% Watch

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



23rd
out of 83

6th
out of 19

Climate: 90% Model

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



4th
out of 84

2nd
out of 20

College & Career: 68% Reinforce

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



10th
out of 77

3rd
out of 18

Achievement

METRIC	METRIC SCORE	POINTS EARNED	TIER
Keystone Exam - Algebra I			
% Proficient or Advanced	70% (246 students)	5.03 out of 8.0 (63%)	REINFORCE
% Advanced	27% (246 students)	1.50 out of 1.5 (100%)	MODEL
Keystone Exam - Biology			
% Proficient or Advanced	56% (308 students)	3.62 out of 8.0 (45%)	WATCH
% Advanced	16% (308 students)	0.97 out of 1.5 (65%)	REINFORCE
Keystone Exam - Literature			
% Proficient or Advanced	72% (188 students)	5.18 out of 8.0 (65%)	REINFORCE
% Advanced	2% (188 students)	0.10 out of 1.5 (6%)	INTERVENE
ACCESS for ELLs: % 4.5 or Above		*Insufficient Sample	
Achievement Total:	58%	16.40 out of 28.5	REINFORCE

Progress

METRIC	METRIC SCORE	POINTS EARNED	TIER
Keystone Exam - Algebra I: Average Growth Index (AGI)	2.63	6.50 out of 6.5 (100%)	MODEL
Keystone Exam - Biology: Average Growth Index (AGI)	-3.12	0.00 out of 6.5 (0%)	INTERVENE
Keystone Exam - Literature: Average Growth Index (AGI)	-4.19	0.00 out of 6.5 (0%)	INTERVENE
% of On-Track Students Earning Credits Required For Promotion	97% (553 students)	7.33 out of 8.0 (92%)	MODEL
% of Off-Track Students Earning Credits Required for Promotion			*Insufficient Sample
ACCESS for ELLs: % Growth in 60th Percentile or Above		SEE NOTE FOR SY 2015-2016	

Progress, On Equity

Keystone Exam - Algebra I: AGI for Lowest-Performing 20% of Students	-0.47	0.27 out of 1.5 (18%)	INTERVENE
Keystone Exam - Biology: AGI for Lowest-Performing 20% of Students	-1.36	0.00 out of 1.5 (0%)	INTERVENE
Keystone Exam - Literature: AGI for Lowest-Performing 20% of Students	-0.56	0.22 out of 1.5 (15%)	INTERVENE
Progress Total:	45%	14.31 out of 32.0	WATCH

*Starting in School Year 2015-2016, the ACCESS assessment was revised. Growth estimates were not available and so this metric is being suppressed for School Year 2015-2016.

Climate

METRIC	METRIC SCORE	POINTS EARNED	TIER
% of Students Attending 95% or More of Instructional Days	69% (765 students)	7.78 out of 8.0 (97%)	MODEL
% Attending 90% to 95% of Days	19% (765 students)	-	
% Attending 85% to 90% of Days	7% (765 students)	-	
% Attending 80% to 85% of Days	2% (765 students)	-	
% Attending Less than 80% of Days	3% (765 students)	-	
Annual Retention Rate	96% (751 students)	6.00 out of 6.0 (100%)	MODEL
% of Students with Zero In-School Suspensions	100% (765 students)	0.50 out of 0.5 (100%)	MODEL
% of Students with Zero Out-of-School Suspensions	96% (765 students)	2.16 out of 2.5 (87%)	MODEL
Student Survey: School Climate Rating (% most positive responses)	67%	0.67 out of 1.0 (67%)	REINFORCE
Parent Survey: School Climate Rating (% most positive responses)	86%	0.86 out of 1.0 (86%)	MODEL
Parent/Guardian Survey: Participation Rate	10%	0.00 out of 1.0 (0%)	INTERVENE
Climate Total:	90%	17.98 out of 20.0	MODEL

College & Career

METRIC	METRIC SCORE	POINTS EARNED	TIER
Four-Year Cohort Graduation Rate	96% (180 students)	3.80 out of 4.5 (84%)	MODEL
First-Fall College Matriculation Rate	82% (173 students)	1.50 out of 1.5 (100%)	MODEL
AP, IB & NOCTI Exams Participation & Performance	13% (175 students)	0.06 out of 1.0 (6%)	INTERVENE
% Participating, Not Meeting Threshold	49% (175 students)	-	
% Not Participating	38% (175 students)	-	
SAT & ACT Exams Participation & Performance	20% (175 students)	0.25 out of 1.0 (25%)	WATCH
% Participating, Not Meeting Threshold	76% (175 students)	-	
% Not Participating	4% (175 students)	-	
FAFSA Completion Rate	71% (175 students)	0.92 out of 1.0 (92%)	MODEL
Student Survey: College & Career Readiness Rating (% most positive responses)	29%	0.29 out of 1.0 (29%)	WATCH
College & Career Total:	68%	6.83 out of 10.0	REINFORCE

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 SDPs 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 Effectiveness Rating of Distinguished (29 of 42 teachers in this school were in a formal observation year)	69%
Percentage of Teachers Receiving an Observation Score of Distinguished in Instruction (22 of 42 teachers in this school were in a formal observation year)	77%
Percentage of Teachers Attending 95% or More of Days	86%
Student Survey: Student Perception of Quality of Teacher Practice (% most positive responses)	51%