

## 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: Middle School (7-8)  
 Peer Group: 2  
 Enrollment: 114  
 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: 74% REINFORCE

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

74%

3rd  
out of 37

1st  
out of 19

### Achievement: 53% Reinforce

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

53%

5th  
out of 37

2nd  
out of 19

### Progress: 73% Reinforce

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

73%

7th  
out of 34

4th  
out of 19

### Climate: 95% Model

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

95%

2nd  
out of 36

1st  
out of 18

# Achievement

METRIC	METRIC SCORE	POINTS EARNED	TIER
<b>PSSA: English Language Arts</b>			
% Proficient or Advanced	86% (109 students)	8.28 out of 10.0 (83%)	<b>MODEL</b>
% Advanced	20% (109 students)	1.61 out of 2.0 (81%)	<b>MODEL</b>
<b>PSSA: Mathematics</b>			
% Proficient or Advanced	35% (109 students)	1.86 out of 10.0 (19%)	<b>INTERVENE</b>
% Advanced	8% (109 students)	0.66 out of 2.0 (33%)	<b>WATCH</b>
<b>PSSA: Science</b>			
% Proficient or Advanced	65% (55 students)	2.27 out of 4.0 (57%)	<b>REINFORCE</b>
% Advanced	16% (55 students)	0.33 out of 0.5 (65%)	<b>REINFORCE</b>
<b>ACCESS for ELLs: % 4.5 or Above</b>		<b>*Insufficient Sample</b>	
<b>Achievement Total:</b>	<b>53%</b>	<b>15.01</b> out of 28.5	<b>REINFORCE</b>

## Progress

METRIC	METRIC SCORE	POINTS EARNED	TIER
PSSA Mathematics Average Growth Index (AGI)	3.75	12.00 out of 12.0 (100%)	<b>MODEL</b>
PSSA English Language Arts Average Growth Index (AGI)	2.82	12.00 out of 12.0 (100%)	<b>MODEL</b>
PSSA Science (Grade 8) Average Growth Index (AGI)	-0.93	0.12 out of 5.0 (2%)	<b>INTERVENE</b>
ACCESS for ELLs: % Growth in 60th Percentile or Above	SEE NOTE FOR SY 2015-2016		

## Progress, On Equity

PSSA Mathematics: AGI for Lowest-Performing 20% of Students	-2.99	0.00 out of 4.0 (0%)	<b>INTERVENE</b>
PSSA English Language Arts: AGI for Lowest-Performing 20% of Students	*Insufficient Sample		

**Progress Total: 73%**      **24.12** out of **33.0**      **REINFORCE**

\*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	<b>74%</b> (114 students)	<b>12.00</b> out of <b>12.0</b> (100%)	<b>MODEL</b>
% Attending 90% to 95% of Days	23% (114 students)	-	
% Attending 85% to 90% of Days	3% (114 students)	-	
% Attending 80% to 85% of Days	0% (114 students)	-	
% Attending Less than 80% of Days	1% (114 students)	-	
Annual Retention Rate	<b>97%</b> (112 students)	<b>10.00</b> out of <b>10.0</b> (100%)	<b>MODEL</b>
% of Students with Zero In-School Suspensions	<b>100%</b> (114 students)	<b>1.00</b> out of <b>1.0</b> (100%)	<b>MODEL</b>
% of Students with Zero Out-of-School Suspensions	<b>96%</b> (114 students)	<b>3.53</b> out of <b>4.0</b> (88%)	<b>MODEL</b>
Student Survey: School Climate Rating (% most positive responses)	<b>64%</b>	<b>0.64</b> out of <b>1.0</b> (64%)	<b>REINFORCE</b>
Parent Survey: School Climate Rating (% most positive responses)	<b>86%</b>	<b>0.86</b> out of <b>1.0</b> (86%)	<b>MODEL</b>
Parent/Guardian Survey: Participation Rate	<b>23%</b>	<b>0.34</b> out of <b>1.0</b> (34%)	<b>WATCH</b>
<b>Climate Total:</b>	<b>95%</b>	<b>28.37</b> out of <b>30.0</b>	<b>MODEL</b>

## 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)	54%