

2017-2018 School Progress Report

Mathematics, Science, and Technology Community Charter School (MaST)

School Code: W28
 Sector: Charter
 Address: 1800 Byberry Rd., 19116
 Phone/Fax: 267-348-1100 / N/A
 Website: <http://www.mastccs.org/>

Report Type: High School
 Grades in Report: 9-12
 Enrollment: 427
 Admissions Category: Citywide
 Turnaround Model: N/A

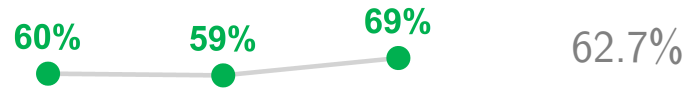
Performance Tiers

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

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

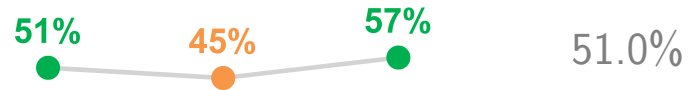
OVERALL: REINFORCE (69%)

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



Achievement: REINFORCE (57%)

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



Progress: REINFORCE (65%)

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



Climate: MODEL (88%)

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



College & Career: MODEL (80%)

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	56% (117 students)	3.56 out of 8.00 (44%)	WATCH
Grade 9 - % Proficient or Advanced	63% (86 students)		
% Advanced	17% (117 students)	1.03 out of 1.50 (68%)	REINFORCE
Keystone Exam - Biology			
% Proficient or Advanced	61% (129 students)	4.12 out of 8.00 (52%)	REINFORCE
% Advanced	26% (129 students)	1.50 out of 1.50 (100%)	MODEL
Keystone Exam - Literature			
% Proficient or Advanced	72% (138 students)	5.25 out of 8.00 (66%)	REINFORCE
% Advanced	14% (138 students)	0.83 out of 1.50 (55%)	REINFORCE
ACCESS for ELLs: % 4.5 or Above			INSUFFICIENT SAMPLE
Achievement Total: % of Points Earned	57%	16.28 out of 28.50	REINFORCE

Progress

METRIC	METRIC SCORE	POINTS EARNED	TIER
Keystone Exam - Algebra I: Average Growth Index (AGI)	8.26	6.50 out of 6.50 (100%)	MODEL
Keystone Exam - Biology: Average Growth Index (AGI)	-1.27	0.00 out of 6.50 (0%)	INTERVENE
Keystone Exam - Literature: Average Growth Index (AGI)	0.90	4.12 out of 6.50 (63%)	REINFORCE
% of On-Track Students Earning Credits Required For Promotion	98% (304 students)	7.47 out of 8.00 (93%)	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	3.48	1.50 out of 1.50 (100%)	MODEL
Keystone Exam - Biology: AGI for Lowest-Performing 33% of Students	-0.91	0.05 out of 1.50 (3%)	INTERVENE
Keystone Exam - Literature: AGI for Lowest-Performing 33% of Students	1.17	1.09 out of 1.50 (72%)	REINFORCE
Progress Total: % of Points Earned	65%	20.72 out of 32.00	REINFORCE

*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	63% (432 students)	6.84 out of 8.00 (85%)	MODEL
% Attending 90% to 95% of days	30% (432 students)		
% Attending 85% to 90% of days	5% (432 students)		
% Attending 80% to 85% of days	1% (432 students)		
% Attending less than 80% of days	0% (432 students)		
Annual Retention Rate	99% (424 students)	6.00 out of 6.00 (100%)	MODEL
% of Students with Zero In-School Suspensions	100% (432 students)	0.50 out of 0.50 (100%)	MODEL
% of Students with Zero Out-of-School Suspensions	98% (432 students)	2.37 out of 2.50 (95%)	MODEL
Student Survey: School Climate Rating (% most positive responses)	60%	0.60 out of 1.00 (60%)	REINFORCE
Parent Survey: School Climate Rating (% most positive responses)	92%	0.92 out of 1.00 (92%)	MODEL
Parent/Guardian Survey: Participation Rate	26%	0.40 out of 1.00 (40%)	WATCH
Climate Total: % of Points Earned	88%	17.62 out of 20.00	MODEL

College & Career

METRIC	METRIC SCORE	POINTS EARNED	TIER
Four-Year Cohort Graduation Rate	97% (104 students)	3.98 out of 4.50 (88%)	MODEL
First-Fall College Matriculation Rate	79% (101 students)	1.48 out of 1.50 (99%)	MODEL
AP, IB, & NOCTI Exams Participation & Performance	20% (103 students)	0.26 out of 1.00 (26%)	WATCH
% Participating Not Meeting Threshold	13% (103 students)		
% Not Participating	67% (103 students)		
SAT & ACT Exams Participation & Performance	49% (103 students)	0.96 out of 1.00 (96%)	MODEL
% Participating Not Meeting Threshold	40% (103 students)		
% Not Participating	12% (103 students)		
FAFSA Completion Rate	84% (103 students)	1.00 out of 1.00 (100%)	MODEL
Student Survey: College & Career Readiness Rating (% most positive responses)	29%	0.29 out of 1.00 (29%)	WATCH
College and Career Total: % of Points Earned	80%	7.98 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	DATA NOT AVAILABLE
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Student Survey: Student Perception of Quality of Teacher Practice (% most positive responses)	47%
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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.