

2016-2017 School Progress Report

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

School Code	W28	Report Type	High School
Sector	Charter	Grades in Report	9-12
Address	1800 E Byberry Rd, 19116	Enrollment	425
Phone/Fax	267-348-1100 / 267-348-1217	Admissions Category	Citywide
Website	www.mastccs.org/	Turnaround Model	N/A

Performance Tiers

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

2014-15 2015-16 2016-17 3 YEAR AVG

OVERALL: REINFORCE (59%)

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



Achievement: WATCH (45%)

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



Progress: REINFORCE (52%)

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



Climate: MODEL (80%)

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



College & Career: MODEL (85%)

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	52% (131 students)	3.19 out of 8.00 (40%)	WATCH
% Advanced	21% (131 students)	1.28 out of 1.50 (85%)	MODEL
Keystone Exam - Biology			
% Proficient or Advanced	50% (128 students)	3.00 out of 8.00 (38%)	WATCH
% Advanced	16% (128 students)	0.98 out of 1.50 (66%)	REINFORCE
Keystone Exam - Literature			
% Proficient or Advanced	61% (132 students)	4.14 out of 8.00 (52%)	REINFORCE
% Advanced	5% (132 students)	0.32 out of 1.50 (21%)	INTERVENE
Access for ELLs: % 4.5 or Above			INSUFFICIENT SAMPLE
Achievement Total: % of Points Earned	45%	12.91 out of 28.50	WATCH

Progress

METRIC	METRIC SCORE	POINTS EARNED	TIER
Keystone Exam - Algebra I: Average Growth Index (AGI)	4.93	6.50 out of 6.50 (100%)	MODEL
Keystone Exam - Biology: Average Growth Index (AGI)	-2.61	0.00 out of 6.50 (0%)	INTERVENE
Keystone Exam - Literature: Average Growth Index (AGI)	-1.12	0.00 out of 6.50 (0%)	INTERVENE
% of On-Track Students Earning Credits Required For Promotion	95% (275 students)	6.74 out of 8.00 (84%)	MODEL
% of Off-Track Students Earning Credits Required for Promotion	88% (41 students)	5.74 out of 6.00 (96%)	MODEL
ACCESS for ELLs: % Growth in 60th Percentile or Above			SEE NOTE FOR SY 2016-2017

Progress, On Equity

Keystone Exam - Algebra I: AGI for Lowest-Performing 20% of Students	-0.49	0.26 out of 1.50 (17%)	INTERVENE
Keystone Exam - Biology: AGI for Lowest-Performing 20% of Students	-1.66	0.00 out of 1.50 (0%)	INTERVENE
Keystone Exam - Literature: AGI for Lowest-Performing 20% of Students	0.36	0.68 out of 1.50 (45%)	WATCH

Progress Total:
% of Points Earned

52%**19.91** out of 38.00**REINFORCE**

Climate

METRIC	METRIC SCORE	POINTS EARNED	TIER
% of Students Attending 95% or More of Instructional Days	54% (434 students)	5.43 out of 8.00 (68%)	REINFORCE
% Attending 90% to 95% of days	34% (434 students)		
% Attending 85% to 90% of days	9% (434 students)		
% Attending 80% to 85% of days	3% (434 students)		
% Attending less than 80% of days	1% (434 students)		
Annual Retention Rate	97% (423 students)	6.00 out of 6.00 (100%)	MODEL
% of Students with Zero In-School Suspensions	100% (434 students)	0.50 out of 0.50 (100%)	MODEL
% of Students with Zero Out-of-School Suspensions	97% (434 students)	2.27 out of 2.50 (91%)	MODEL
Student Survey: School Climate Rating (% most positive responses)	72%	0.72 out of 1.00 (72%)	REINFORCE
Parent Survey: School Climate Rating (% most positive responses)	91%	0.91 out of 1.00 (91%)	MODEL
Parent/Guardian Survey: Participation Rate	19%	0.22 out of 1.00 (22%)	INTERVENE
Climate Total: % of Points Earned	80%	16.04 out of 20.00	MODEL

College & Career

METRIC	METRIC SCORE	POINTS EARNED	TIER
Four-Year Cohort Graduation Rate	100% (100 students)	4.50 out of 4.50 (100%)	MODEL
First-Fall College Matriculation Rate	86% (101 students)	1.50 out of 1.50 (100%)	MODEL
AP, IB, & NOCTI Exams Participation & Performance	20% (100 students)	0.25 out of 1.00 (25%)	WATCH
% Participating Not Meeting Threshold	30% (100 students)		
% Not Participating	50% (100 students)		
SAT & ACT Exams Participation & Performance	55% (100 students)	1.00 out of 1.00 (100%)	MODEL
% Participating Not Meeting Threshold	37% (100 students)		
% Not Participating	8% (100 students)		
FAFSA Completion Rate	90% (100 students)	1.00 out of 1.00 (100%)	MODEL
Student Survey: College & Career Readiness Rating (% most positive responses)	24%	0.24 out of 1.00 (24%)	INTERVENE
College and Career Total: % of Points Earned	85%	8.49 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)	59%
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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.