

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

School Code	W28	Report Type	HS
Sector	Charter	Grades in Report	9-12
Address	1800 E. Byberry Rd., 19116	Enrollment	453
Phone/Fax	267-348-1100 / N/A	Admissions Category	Citywide
Website	www.mastccs.org	Turnaround Model	N/A

Performance Tiers Legend

INTERVENE (0-24%)

WATCH (25-49%)

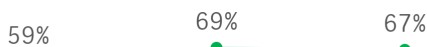
REINFORCE (50-74%)

MODEL (75-100%)

2016-2017 2017-2018 2018-2019 3-YEAR AVG

OVERALL: **REINFORCE (67%)**

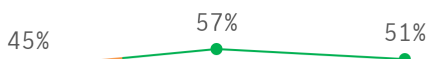
A school's overall score represents its combined performance on the Achievement, Progress, Climate, and College & Career (for high schools only) domains.



65.0%

Achievement: **REINFORCE (51%)**

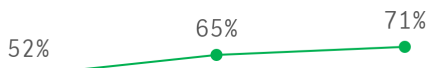
The Achievement domain measures performance on standardized assessments, including PSSA, Keystone Exams, ACCESS for ELLs, and reading assessments.



51.0%

Progress: **REINFORCE (71%)**

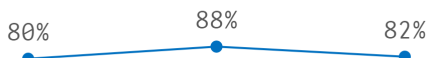
The Progress domain measures growth on standardized assessments and progress towards graduation (for high schools only).



62.7%

Climate: **MODEL (82%)**

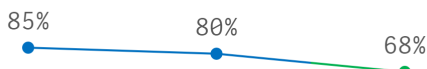
The Climate domain measures school climate as well as student and parent/guardian engagement.



83.3%

College & Career: **REINFORCE (68%)**

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



77.7%

Achievement

METRIC	METRIC SCORE	POINTS EARNED	TIER
Keystone Exam - Algebra I			
% Proficient or Advanced	54% (133 students)	3.41 out of 8.00 (43%)	WATCH
Grade 9 - % Proficient or Advanced	61% (101 students)		
% Advanced	23% (133 students)	1.40 out of 1.50 (93%)	MODEL
Keystone Exam - Biology			
% Proficient or Advanced	53% (128 students)	3.31 out of 8.00 (41%)	WATCH
% Advanced	20% (128 students)	1.17 out of 1.50 (78%)	MODEL
Keystone Exam - Literature			
% Proficient or Advanced	69% (135 students)	4.89 out of 8.00 (61%)	REINFORCE
% Advanced	4% (135 students)	0.27 out of 1.50 (18%)	INTERVENE
ACCESS for ELLs: % 4.5 or Above			INSUFFICIENT SAMPLE
Achievement Total: % of Points Earned	51%	14.45 out of 28.50	REINFORCE

Progress

METRIC	METRIC SCORE	POINTS EARNED	TIER
Keystone Exam - Algebra I: Average Growth Index (AGI)	8.20	6.50 out of 6.50 (100%)	MODEL
Keystone Exam - Biology: Average Growth Index (AGI)	-4.39	0.00 out of 6.50 (0%)	INTERVENE
Keystone Exam - Literature: Average Growth Index (AGI)	2.32	6.50 out of 6.50 (100%)	MODEL
% of On-Track Students Earning Credits Required For Promotion (339 students)	96%	6.90 out of 8.00 (86%)	MODEL
% of Off-Track Students Earning Credits Required For Promotion			INSUFFICIENT SAMPLE
ACCESS for ELLs: % of Students Meeting Growth Target			DATA NOT AVAILABLE

Progress, On Equity

Keystone Exam - Algebra I: AGI for Lowest-Performing 33% of Students	2.83	1.50 out of 1.50 (100%)	MODEL
Keystone Exam - Biology: AGI for Lowest-Performing 33% of Students	-1.78	0.00 out of 1.50 (0%)	INTERVENE
Keystone Exam - Literature: AGI for Lowest-Performing 33% of Students	1.70	1.35 out of 1.50 (90%)	MODEL
Progress Total: % of Points Earned	71%	22.75 out of 32.00	REINFORCE

Climate

METRIC	METRIC SCORE	POINTS EARNED	TIER
% of Students Attending 95% or More of Instructional Days	60% (453 students)	6.44 out of 8.00 (81%)	MODEL
% Attending 90-95% of Days	32% (453 students)		
% Attending 85-90% of Days	5% (453 students)		
% Attending 80-85% of Days	2% (453 students)		
% Attending Less Than 80% of Days	1% (453 students)		
Annual Retention Rate	99% (441 students)	6.00 out of 6.00 (100%)	MODEL
% of Students with Zero In-School Suspensions	100% (453 students)	0.50 out of 0.50 (100%)	MODEL
% of Students with Zero Out-Of-School Suspensions	93% (453 students)	1.93 out of 2.50 (77%)	MODEL
Student Survey: School Climate Rating (% of most positive responses)	57%	0.57 out of 1.00 (57%)	REINFORCE
Parent Survey: School Climate Rating (% of most positive responses)	83%	0.83 out of 1.00 (83%)	MODEL
Parent/Guardian Survey: Participation Rate	18%	0.20 out of 1.00 (20%)	INTERVENE
Climate Total: % of Points Earned	82%	16.47 out of 20.00	MODEL

College & Career

METRIC	METRIC SCORE	POINTS EARNED	TIER
Four-Year Cohort Graduation Rate	93% (101 students)	3.25 out of 4.50 (72%)	REINFORCE
First-Fall College Matriculation Rate	76% (97 students)	1.40 out of 1.50 (93%)	MODEL
AP, IB, & NOCTI Exams and Dual Enrollment Participation and Performance	21% (97 students)	0.27 out of 1.00 (27%)	WATCH
% Participating Not Meeting Threshold	21% (97 students)		
% Not Participating	59% (97 students)		
SAT & ACT Exams Participation and Performance	36% (97 students)	0.65 out of 1.00 (65%)	REINFORCE
% Participating Not Meeting Threshold	37% (97 students)		
% Not Participating	27% (97 students)		
FAFSA Completion Rate	88% (97 students)	1.00 out of 1.00 (100%)	MODEL
Student Survey: College & Career Readiness Rating (% of most positive responses)	20%	0.20 out of 1.00 (20%)	INTERVENE
College & Career Total: % of Points Earned	68%	6.77 out of 10.00	REINFORCE

Educator Effectiveness

Teacher effectiveness measures are displayed in the School Progress Report, but not included in the SPR rating, to share data we have gathered 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 instruction.

In addition to other metrics, the SPR includes teachers' overall Multiple Measure Summary (MMS) effectiveness ratings. These ratings are comprised of teachers' Formal Observation, Student Learning Objectives, Teacher-Specific PVAAS, and the building-level score from the state of Pennsylvania's School Performance Profile (SPP, also known as Act 82).

Here are some important details that 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

% of Teachers Receiving an MMS Rating of Distinguished

DATA NOT AVAILABLE

% of Teachers Receiving an MMS Rating of Proficient

DATA NOT AVAILABLE

% of Teachers Attending 95% or More of Days

DATA NOT AVAILABLE

Student Survey: Student Perception of Quality of Teacher Practice
(% of most positive responses)

50%

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.