

2014-2015 School Progress Report

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

Governance	Charter	Report Type	High School
Address	1800 Byberry Rd. Philadelphia, PA 19116	Enrollment	424
Phone/Fax	267-348-1100 / 267-348-1217	Grade Range	9-12
Website	www.mastccs.org/	Admissions Category	Citywide
		Turnaround Model	N/A

Performance Tiers

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

2012-13 2013-14 2014-15 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.



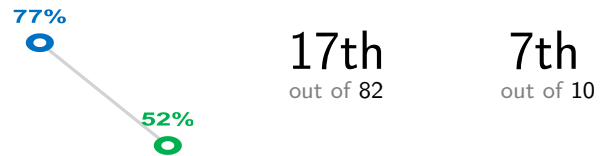
Achievement: 48% Watch

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



Progress: 52% Reinforce

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



Climate: 78% Model

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



College & Career: 86% Model

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



Achievement

METRIC	METRIC SCORE	TIER	POINTS EARNED
Keystone Exam - Algebra I			
First-Time Pass Rate	48%	WATCH	2.10 out of 6
Re-test Pass Rate	32%	INTERVENE	0.44 out of 3
% Advanced	13%	REINFORCE	0.27 out of 0.5
Keystone Exam - Biology			
First-Time Pass Rate	73%	REINFORCE	4.00 out of 6
Re-test Pass Rate	22%	INTERVENE	0.09 out of 3
% Advanced	23%	MODEL	0.47 out of 0.5
Keystone Exam - Literature			
First-Time Pass Rate	84%	MODEL	4.82 out of 6
Re-test Pass Rate			INSUFFICIENT SAMPLE
% Advanced	6%	INTERVENE	0.11 out of 0.5
Access for ELLs: % 4.5 or Above			INSUFFICIENT SAMPLE
Achievement Total:	48%	WATCH	12.30 out of 25.5

Progress

METRIC	METRIC SCORE	TIER	POINTS EARNED
Keystone Exam - Algebra I: Average Growth Index (AGI)	2.50	MODEL	6.50 out of 6.5
Keystone Exam - Biology: Average Growth Index (AGI)	-0.77	INTERVENE	0.50 out of 6.5
Keystone Exam - Literature: Average Growth Index (AGI)	1.87	MODEL	6.22 out of 6.5
% of On-Track Students Earning Credits Required For Promotion	72%	INTERVENE	0.55 out of 8
% of Off-Track Students Earning Five or More Credits			INSUFFICIENT SAMPLE
ACCESS for ELLs: % Growth in 75th Percentile or Above			INSUFFICIENT SAMPLE

Progress, On Equity

Keystone Exam - Algebra I: AGI for Lowest-Performing 20% of Students	-0.55	INTERVENE	0.23 out of 1.5
Keystone Exam - Biology: AGI for Lowest-Performing 20% of Students	1.55	MODEL	1.28 out of 1.5
Keystone Exam - Literature: AGI for Lowest-Performing 20% of Students	2.27	MODEL	1.50 out of 1.5

Progress Total:**52%****REINFORCE****16.77**
out of 32

Climate

METRIC	METRIC SCORE	TIER	POINTS EARNED
% of Students Attending 95% or More of Instructional Days	53%	REINFORCE	5.29 out of 8
Annual Retention Rate	99%	MODEL	6.00 out of 6
% of Students with Zero In-School Suspensions	100%	MODEL	0.50 out of 0.5
% of Students with Zero Out-of-School Suspensions	97%	MODEL	2.26 out of 2.5
Student Survey: School Climate Rating (% of students responding most positively)	75%	REINFORCE	0.50 out of 1
Parent Survey: School Climate Rating (% of parents responding most positively)	92%	MODEL	0.83 out of 1
Parent/Guardian Survey: Participation Rate	21%	WATCH	0.28 out of 1
Climate Total:	78%	MODEL	15.67 out of 20

College & Career

METRIC	METRIC SCORE	TIER	POINTS EARNED
Four-Year Cohort Graduation Rate	98%	MODEL	5.58 out of 6
First-Fall College Matriculation Rate	75%	MODEL	1.82 out of 2
AP & IB Exams Participation & Performance	33%	REINFORCE	0.58 out of 1
SAT & ACT Exams Participation & Performance	34%	REINFORCE	0.60 out of 1
FAFSA Completion Rate*			SEE NOTE FOR SY 2014-2015

College & Career Total:

86%

MODEL

8.57
out of 10

*Starting in School Year 2014-2015, FAFSA data transitioned from a Federal pilot program to the Pennsylvania Higher Education Assistance Agency (PHEAA). The data received could not be validated, and is therefore being suppressed for School Year 2014-2015.

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 Effectiveness Rating of Distinguished	DATA NOT AVAILABLE
Percentage of Teachers Receiving an Observation Score of Distinguished in Instruction	DATA NOT AVAILABLE
Percentage of Teachers Attending 95% or More of Days	DATA NOT AVAILABLE
Student Survey: Student Perception of Quality of Teacher Practice (% of students responding most positively)	62%