

Mathematics, Science, and Technology Community Charter School

Governance	Charter	Report Type	High School
Address	1800 Byberry Rd. Philadelphia, PA 19116	Enrollment	433
Phone / Fax	267.348.1100 / 267.348.1217	Grade Range	9-12
Website	www.mastccs.org/	Admissions Category	Lottery
		Turnaround Model	N/A

Welcome

The School Progress Report (SPR) provides parents, families, and community members with valuable information on the progress schools are making towards citywide goals. Each school receives a score and a corresponding performance tier at the overall and domain levels. Each school also receives two rankings: one within all schools of the same grade configuration (City Rank) and one within a peer group of schools with similar student demographics (Peer Rank). A school is designated a City Leader if it ranks first among all schools with the same grade configuration. A school is designated a Peer Leader if it ranks first in its peer group.

Scoring Summary

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

	<u>Score</u>	<u>Performance Tier</u>	<u>City Rank (Gap to Leader)</u>	<u>Peer Rank (Gap to Leader)</u>
<h4>OVERALL</h4> <p>A school's overall score represents its combined performance on the Achievement, Progress, Climate, and College & Career (for high schools only) domains.</p>	76%	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: blue;"></div> </div> <p style="text-align: center; color: blue;">MODEL</p>	4th of 71 (-6)	3rd of 5 (-4)
<h4>Achievement</h4> <p>The Achievement domain measures performance on standardized assessments, including PSSA, Keystone Exams, ACCESS for ELLs, and reading assessments.</p>	58%	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: green;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> </div> <p style="text-align: center; color: green;">REINFORCE</p>	5th of 70 (-26)	3rd of 4 (-26)
<h4>Progress</h4> <p>The Progress domain measures growth on standardized assessments and progress towards graduation (for high schools only).</p>	77%	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: blue;"></div> </div> <p style="text-align: center; color: blue;">MODEL</p>	2nd of 71 (-7)	Peer Leader
<h4>Climate</h4> <p>The Climate domain measures school climate and student and parent/guardian engagement.</p>	88%	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: blue;"></div> </div> <p style="text-align: center; color: blue;">MODEL</p>	8th of 72 (-12)	5th of 5 (-12)
<h4>College & Career</h4> <p>The College & Career domain measures college and career readiness and post-secondary outcomes.</p>	92%	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: blue;"></div> </div> <p style="text-align: center; color: blue;">MODEL</p>	7th of 70 (-6)	4th of 5 (-6)

Achievement

	Scored Range and Metric Score (◆)	Percentage Earned	Points Earned
Keystone Exam - Algebra I: First-Time Pass Rate			4.20 out of 6.00
Keystone Exam - Algebra I: Re-Test Pass Rate			1.11 out of 3.00
Keystone Exam - Algebra I: % Advanced			0.18 out of 0.60
Keystone Exam - Biology: First-Time Pass Rate			3.72 out of 6.00
Keystone Exam - Biology: Re-Test Pass Rate			0.75 out of 3.00
Keystone Exam - Biology: % Advanced			0.41 out of 0.60
Keystone Exam - Literature: First-Time Pass Rate			4.50 out of 6.00
Keystone Exam - Literature: Re-Test Pass Rate	—————	Insufficient Sample	—————
Keystone Exam - Literature: % Advanced			0.17 out of 0.60

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

Achievement (Cont'd.)

Scored Range and Metric Score (◆)

Percentage Earned

Points Earned

ACCESS for ELLs:
% 4.5 or Above

Insufficient Sample

TOTAL



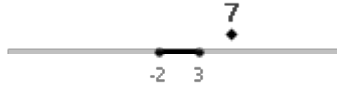

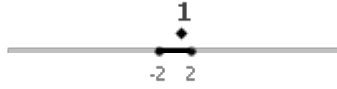

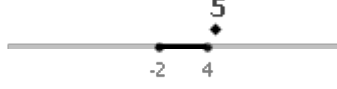





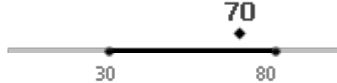

TIER: ■■■■ INTERVENE (0-24%)

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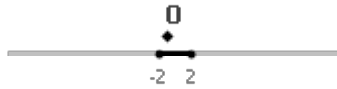

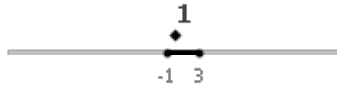



■ ■ ■ ■ MODEL (75-100%)

Progress

	Scored Range and Metric Score (◆)	Percentage Earned	Points Earned
Keystone Exam - Algebra I: Average Growth Index (AGI)		 100%	6.50 out of 6.50
Keystone Exam - Biology: Average Growth Index (AGI)		 66%	4.29 out of 6.50
Keystone Exam - Literature: Average Growth Index (AGI)		 100%	6.50 out of 6.50
ACCESS for ELLs: % Growth in 75th Percentile or Above		Insufficient Sample	
% of On-Track Students Earning Credits Required for Promotion		 48%	3.84 out of 8.00
% of Off-Track Students Earning Credits Required for Promotion		 80%	4.80 out of 6.00

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Progress, on Equity

	<u>Scored Range and Metric Score (◆)</u>	<u>Percentage Earned</u>	<u>Points Earned</u>
Keystone Exam - Algebra I: AGI for Lowest-Performing 20% of Students		 45%	0.68 out of 1.50
Keystone Exam - Biology: AGI for Lowest-Performing 20% of Students		 65%	0.98 out of 1.50
Keystone Exam - Literature: AGI for Lowest-Performing 20% of Students		 100%	1.50 out of 1.50

TOTAL

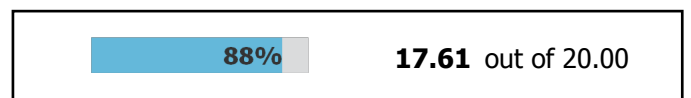


Climate

	Scored Range and Metric Score (◆)	Percentage Earned	Points Earned
% of Students Attending 95% or More of Instructional Days			5.76 out of 8.00
Within-Year Retention Rate			4.00 out of 4.00
Across-Year Retention Rate			4.00 out of 4.00
% of Students with Zero In-School Suspensions			1.00 out of 1.00
% of Students with Zero Out-of-School Suspensions			2.85 out of 3.00

Parent/Guardian Survey: Participation Rate		Unscored
Parent/Guardian Survey: Climate Rating (4-point scale: 1.00 low to 4.00 high)		Unscored
Student Survey: Climate Rating (4-point scale: 1.00 low to 4.00 high)		Unscored

TOTAL



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College & Career

	Scored Range and Metric Score (◆)	Percentage Earned	Points Earned
Four-Year Cohort Graduation Rate			5.52 out of 6.00
First-Fall College Matriculation Rate			3.72 out of 4.00
AP/IB: % of 12th-Graders Scoring 3 (AP)/4 (IB) or Higher on an Exam		Unscored	
ACT/SAT: % of 12th-Graders Scoring College & Career Readiness Benchmark		Unscored	
FAFSA Completion Rate		Not Available	
TOTAL			9.24 out of 10.00

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.

Percentage of Teachers Receiving an Effectiveness Rating of Distinguished	Not Available
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Percentage of Teachers Receiving an Observation Score of Distinguished in Instruction	Not Available
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Percentage of Teachers Attending 95% or More of Days	Not Available
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Student Survey: Student Perception of Teacher Practice (0 of 431 students in this school completed the survey) (4-point scale: 1.00 low to 4.00 high)	Not Available
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