

# 2015-2016 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 / 267-348-1217  
Website: www.mastccs.org

Report Type: High School (9-12)  
Peer Group: 5  
Enrollment: 414  
Admissions Category: Citywide  
Turnaround Model: N/A

### Performance Tiers

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

2013-2014 2014-2015 2015-2016 CITY RANK PEER RANK

### OVERALL: 60% REINFORCE

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



10th  
out of 83

6th  
out of 10

### Achievement: 51% Reinforce

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



7th  
out of 79

5th  
out of 10

### Progress: 51% Reinforce

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



19th  
out of 83

5th  
out of 10

### Climate: 83% Model

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



11th  
out of 84

7th  
out of 10

### College & Career: 76% Model

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



5th  
out of 77

5th  
out of 9

## Achievement

METRIC	METRIC SCORE	POINTS EARNED	TIER
Keystone Exam - Algebra I			
% Proficient or Advanced	53% (142 students)	3.28 out of 8.0 (41%)	WATCH
% Advanced	18% (142 students)	1.06 out of 1.5 (70%)	REINFORCE
Keystone Exam - Biology			
% Proficient or Advanced	58% (123 students)	3.77 out of 8.0 (47%)	WATCH
% Advanced	26% (123 students)	1.50 out of 1.5 (100%)	MODEL
Keystone Exam - Literature			
% Proficient or Advanced	66% (117 students)	4.58 out of 8.0 (57%)	REINFORCE
% Advanced	8% (117 students)	0.46 out of 1.5 (31%)	WATCH
ACCESS for ELLs: % 4.5 or Above	*Data Not Available		

**Achievement Total: 51%**      **14.65** out of 28.5      **REINFORCE**

## Progress

METRIC	METRIC SCORE	POINTS EARNED	TIER
Keystone Exam - Algebra I: Average Growth Index (AGI)	6.10	6.50 out of 6.5 (100%)	<b>MODEL</b>
Keystone Exam - Biology: Average Growth Index (AGI)	0.53	3.32 out of 6.5 (51%)	<b>REINFORCE</b>
Keystone Exam - Literature: Average Growth Index (AGI)	-0.65	0.76 out of 6.5 (12%)	<b>INTERVENE</b>
% of On-Track Students Earning Credits Required For Promotion	75% (275 students)	1.31 out of 8.0 (16%)	<b>INTERVENE</b>
% of Off-Track Students Earning Credits Required for Promotion	85% (33 students)	5.38 out of 6.0 (90%)	<b>MODEL</b>
ACCESS for ELLs: % Growth in 60th Percentile or Above		SEE NOTE FOR SY 2015-2016	

## Progress, On Equity

Keystone Exam - Algebra I: AGI for Lowest-Performing 20% of Students	-0.13	0.44 out of 1.5 (29%)	<b>WATCH</b>
Keystone Exam - Biology: AGI for Lowest-Performing 20% of Students	0.65	0.83 out of 1.5 (55%)	<b>REINFORCE</b>
Keystone Exam - Literature: AGI for Lowest-Performing 20% of Students	0.76	0.88 out of 1.5 (59%)	<b>REINFORCE</b>
<b>Progress Total:</b>	<b>51%</b>	<b>19.40</b> out of <b>38.0</b>	<b>REINFORCE</b>

\*Starting in School Year 2015-2016, the ACCESS assessment was revised. Growth estimates were not available and so this metric is being suppressed for School Year 2015-2016.

## Climate

METRIC	METRIC SCORE	POINTS EARNED	TIER
% of Students Attending 95% or More of Instructional Days	<b>57%</b> (426 students)	<b>5.85</b> out of <b>8.0</b> (73%)	<b>REINFORCE</b>
% Attending 90% to 95% of Days	<b>33%</b> (426 students)	-	
% Attending 85% to 90% of Days	<b>6%</b> (426 students)	-	
% Attending 80% to 85% of Days	<b>2%</b> (426 students)	-	
% Attending Less than 80% of Days	<b>2%</b> (426 students)	-	
Annual Retention Rate	<b>99%</b> (412 students)	<b>6.00</b> out of <b>6.0</b> (100%)	<b>MODEL</b>
% of Students with Zero In-School Suspensions	<b>100%</b> (426 students)	<b>0.50</b> out of <b>0.5</b> (100%)	<b>MODEL</b>
% of Students with Zero Out-of-School Suspensions	<b>99%</b> (426 students)	<b>2.42</b> out of <b>2.5</b> (97%)	<b>MODEL</b>
Student Survey: School Climate Rating (% most positive responses)	<b>74%</b>	<b>0.74</b> out of <b>1.0</b> (74%)	<b>REINFORCE</b>
Parent Survey: School Climate Rating (% most positive responses)	<b>90%</b>	<b>0.90</b> out of <b>1.0</b> (90%)	<b>MODEL</b>
Parent/Guardian Survey: Participation Rate	<b>14%</b>	<b>0.10</b> out of <b>1.0</b> (10%)	<b>INTERVENE</b>
<b>Climate Total:</b>	<b>83%</b>	<b>16.51</b> out of <b>20.0</b>	<b>MODEL</b>

## College & Career

METRIC	METRIC SCORE	POINTS EARNED	TIER
Four-Year Cohort Graduation Rate	99% (100 students)	4.32 out of 4.5 (96%)	<b>MODEL</b>
First-Fall College Matriculation Rate	72% (100 students)	1.28 out of 1.5 (85%)	<b>MODEL</b>
AP, IB & NOCTI Exams Participation & Performance	22% (101 students)	0.29 out of 1.0 (29%)	<b>WATCH</b>
% Participating, Not Meeting Threshold	10% (101 students)	-	
% Not Participating	68% (101 students)	-	
SAT & ACT Exams Participation & Performance	35% (101 students)	0.62 out of 1.0 (62%)	<b>REINFORCE</b>
% Participating, Not Meeting Threshold	52% (101 students)	-	
% Not Participating	13% (101 students)	-	
FAFSA Completion Rate	69% (101 students)	0.89 out of 1.0 (89%)	<b>MODEL</b>
Student Survey: College & Career Readiness Rating (% most positive responses)	25%	0.25 out of 1.0 (25%)	<b>WATCH</b>
<b>College &amp; Career Total:</b>	<b>76%</b>	<b>7.65</b> out of 10.0	<b>MODEL</b>

## 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 SDPs 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 (% most positive responses)	59%