



## Charleston Charter School for Math and Science

1002 King Street  
Charleston, SC 29403

<b>Grades</b>	6-12 Middle School	
<b>Enrollment</b>	454 Students	
<b>Principal</b>	Michael A. Stagliano	(843) 720-3085
<b>Superintendent</b>	Dr. Nancy J. McGinley	843-937-6319
<b>Board Chair</b>	Mrs. Cindy Bohn Coats	843-529-2457

# THE STATE OF SOUTH CAROLINA 2013 ANNUAL SCHOOL REPORT CARD

## RATINGS OVER 5-YEAR PERIOD

YEAR	ABSOLUTE RATING	GROWTH RATING
<b>2013</b>	<b>Good</b>	<b>Average</b>
2012	Average	Average
2011	Average	Average
2010	Average	Average
2009	Average	Average

## DEFINITIONS OF SCHOOL RATING TERMS

- Excellent – School performance substantially exceeds the standards for progress toward the 2020 SC Performance Vision
- Good – School performance exceeds the standards for progress toward the 2020 SC Performance Vision
- Average – School performance meets the standards for progress toward the 2020 SC Performance Vision
- Below Average – School is in jeopardy of not meeting the standards for progress toward the 2020 SC Performance Vision
- At-Risk – School performance fails to meet the standards for progress toward the 2020 SC Performance Vision

## SOUTH CAROLINA PERFORMANCE VISION

By 2020 all students will graduate with the knowledge and skills necessary to compete successfully in the global economy, participate in a democratic society and contribute positively as members of families and communities.

<http://ed.sc.gov>  
<http://www.eoc.sc.gov>

Percent of Student PASS Records Matched for Purpose of Computing Growth Rating

Percent of students tested in 2012-13 whose 2011-12 test scores were located

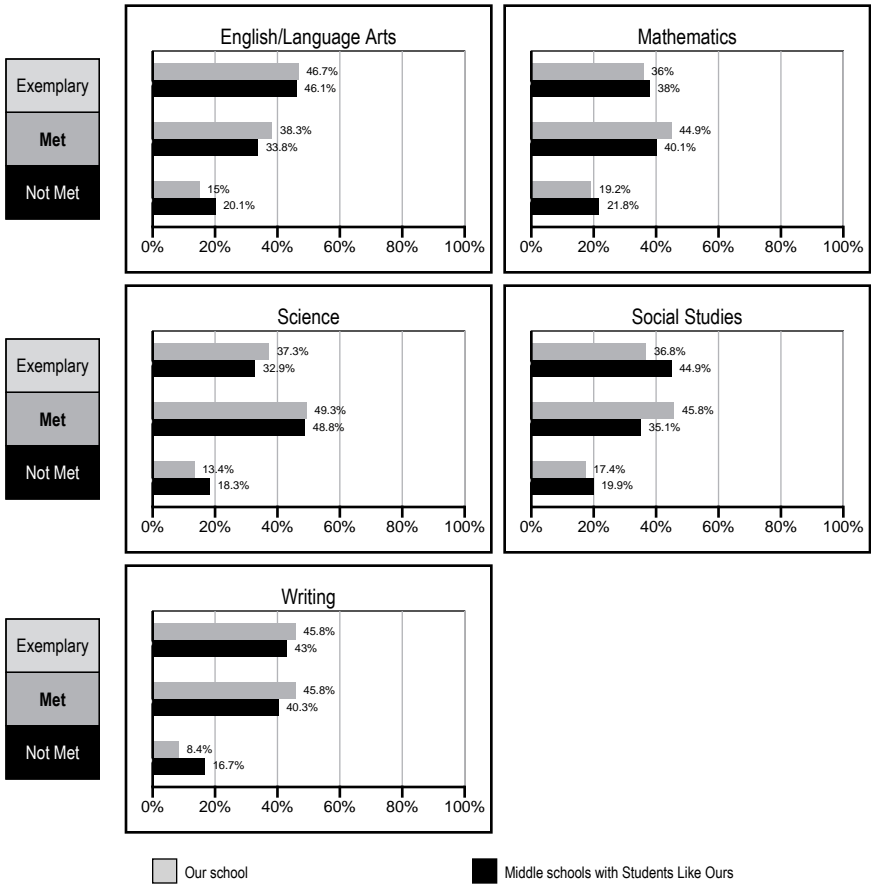
94.4%

ABSOLUTE RATINGS OF MIDDLE SCHOOLS WITH STUDENTS LIKE OURS\*

Excellent	Good	Average	Below Average	At-Risk
19	7	6	0	0

\* Ratings are calculated with data available by 03/14/2014.

Palmetto Assessment of State Standards (PASS)



\* Middle schools with Students Like Ours are middle schools with poverty indices of no more than 5% above or below the index for the school.

Definition of Critical Terms

Exemplary	"Exemplary" means the student demonstrated exemplary performance in meeting the grade level standard.
Met	"Met" means the student met the grade level standard.
Not Met	"Not Met" means that the student did not meet the grade level standard.

Abbreviations for Missing Data

N/A–Not Applicable    N/AV–Not Available    N/C–Not Collected    N/R–Not Reported    I/S–Insufficient Sample

## End of Course Tests

Percent of tests with scores of 70 or above on:	Our Middle School	Middle Schools with Students Like Ours
Algebra 1/Math for the Technologies 2	68.6%	95.7%
English 1	N/A	95.7%
Physical Science	N/A	N/A
US History and the Constitution	N/A	N/A
All Subjects	68.6%	95.9%

## School Profile

	Our School	Change from Last Year	Middle Schools with Students Like Ours	Median Middle School
<b>Students (n=454)</b>				
Students enrolled in high school credit courses (grades 7 & 8)	48.3%	Down from 48.6%	37.6%	24.6%
Retention rate	1.8%	Down from 2.2%	0.4%	0.6%
Attendance rate	97.5%	Up from 96.6%	96.6%	95.9%
Served by gifted and talented program	38.6%	N/A	27.8%	18.5%
With disabilities	5.1%	N/A	11.3%	13.0%
Older than usual for grade	3.2%	N/A	2.7%	4.8%
Out-of-school suspensions or expulsions for violent and/or criminal offenses	0.7%	Down from 2.6%	0.4%	0.6%
Annual dropout rate	0.0%	No Change	0.0%	0.0%
<b>Teachers (n=35)</b>				
Teachers with advanced degrees	68.6%	Up from 52.6%	65.2%	61.5%
Continuing contract teachers	42.9%	Up from 34.2%	79.0%	77.2%
Teachers returning from previous year	69.2%	Down from 69.5%	88.3%	85.9%
Teacher attendance rate	97.6%	Down from 99.5%	95.3%	94.9%
Average teacher salary*	\$39,863	Up 2.9%	\$49,047	\$47,313
Professional development days/teacher	6.0 days	No Change	10.6 days	10.1 days
<b>School</b>				
Principal's years at school	1.0	Down from 2.0	4.0	4.0
Student-teacher ratio in core subjects	18.8 to 1	Up from 18.7 to 1	24.2 to 1	22.1 to 1
Prime instructional time	93.7%	Down from 95.7%	90.5%	89.6%
Opportunities in the arts	Fair	Down from Good	Excellent	Good
SACS accreditation	Yes	No Change	Yes	Yes
Parents attending conferences	39.2%	Down from 97.7%	98.5%	99.0%
Character development program	Good	No Change	Good	Good
Dollars spent per pupil**	\$8,184	Up 21.3%	\$6,810	\$7,239
Percent of expenditures for instruction**	57.0%	Down from 60.0%	65.0%	63.0%
Percent of expenditures for teacher salaries**	53.0%	Down from 54.2%	63.0%	61.0%

\* Includes current year teachers contracted for 185 or more days.

\*\* Prior year audited financial data are reported.

Abbreviations for Missing Data

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## Report of Principal and School Improvement Council

CCSMS, a racially diverse peninsula charter school in an urban setting, exposes students to a challenging and rigorous STEM career-based curriculum helping them to become college and career ready. The school's mission embodies the principles advocated by the original founders: "to educate students for success in college and careers by providing an innovative learning environment that is academically excellent, developmentally responsive, and socially equitable." The 2012-13 school year proved to be landmark with the approval of the ten-year charter renewal and the move into the Rivers Educational Center.

Our math and science intense curriculum is the primary focus. The middle school curriculum is designed to build a strong foundation and appreciation for the interrelationship between the two through the use of interactive technology, classroom projects, and project-based learning. The platform for the high school curriculum in math and science is Project Lead the Way (PLTW). Students have the option of selecting challenging STEM courses centered on careers in Engineering/Architecture, Business/Entrepreneurship, Biomedical Sciences, and Education. Career Cluster classes include PLTW Engineering, PLTW Biomedical, and YES Carolina! Business Entrepreneurship and Teacher Cadet. Both middle and high curriculums are supplemented with a two-week Spring Term, including concentrated classes in math and science with career exploration, for which students receive high school credit. Electives offered throughout the year include astronomy, science enrichment, Lego robotics, marine science, medical terminology, psychology, art, and music. All CCSMS students enrolled in 8th-12th grade participate in Individualized Graduation Plan meetings. PASS and EOC exam results have shown continued growth.

As always, PTO membership was at 100% for both faculty and parents, demonstrating their commitment and dedication to the success of CCSMS. This dedication is parallel with the after-school clubs and school activities sponsored by parents and students. After-school clubs included Academic Bowl, Student Government, Yugioh, Lego Robotics, Model Rocket, and Boys to Gentlemen. School activities included a Math and Science night, a Fall Festival, Choral Spring Ensemble collaboration with Laing Middle, and a Chili Cook-off. Afternoon Academy continued in grades 6-12 with small group tutoring. Scholarships were offered to families unable to pay for the services. Before school, students had access to computer labs and academic assistance.

CCSMS is a member of the SCHSL; teams in basketball, tennis, volleyball, cross-country, track, and soccer participated at JV & varsity levels. The Varsity Girls' Volleyball team and Varsity Co-Ed Soccer teams both won back-to-back regional titles. Swimming and middle school football were added this year.

CCSMS leads the way in technology, with SmartBoards in every classroom. Both PC and Macintosh labs as well as i-Pads are available for instruction. Our math classes use the TI InSpire and Navigator system for calculators. CCSMS uses staff and student email accounts, the PowerSchool online grade-book, and AlertNow for communication.

Michael A. Stagliano, Ph.D., Principal

## Evaluations by Teachers, Students and Parents

	Teachers	Students*	Parents*
Number of surveys returned	N/A	62	22
Percent satisfied with learning environment	N/A	64.5%	100%
Percent satisfied with social and physical environment	N/A	80.9%	90.4%
Percent satisfied with school-home relations	N/A	88.9%	95.5%

\* Only students at the highest middle school grade level and their parents were included.

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**ESEA/Federal Accountability Rating System**

In July 2013, the South Carolina Department of Education was granted a waiver from several accountability requirements of the federal Elementary and Secondary Education Act (ESEA). This waiver allowed SC to replace the former pass/fail system with one that utilizes more of the statewide assessments already in place and combine these subject area results with graduation rate (in high schools) to determine if each school met the target or made progress toward the target. This analysis results in a letter grade for the school rather than the pass/fail system of previous years. For a detailed review of the matrix for each school and districts that determined the letter grade, please use the following link: <http://ed.sc.gov/data/eSEA/> or request this information from your child's district or school.

<b>Overall Weighted Points Total</b>	<b>98.5</b>
<b>Overall Grade Conversion</b>	<b>A</b>

Index Score	Grade	Description
90-100	A	Performance substantially exceeds the state's expectations.
80-89.9	B	Performance exceeds the state's expectations.
70-79.9	C	Performance meets the state's expectations.
60-69.9	D	Performance does not meet the state's expectations.
Less than 60	F	Performance is substantially below the state's expectations

**Accountability Indicator for Title I Schools**

Charleston Charter School for Math and Science school has been designated as a:

- Title I Reward School for Performance - among the highest performing Title I schools in a given year.
- Title I Reward School for Progress – one of the schools with substantial progress in student subgroups.
- Title I Focus School – one of the schools with the highest average performance gap between subgroups.
- Title I Priority School – one of the 5% lowest performing Title I schools.
- Title I School – does not qualify as Reward, Focus or Priority School.
- Non-Title I School – therefore the designations above are not applicable.

**Teacher Quality and Student Attendance**

	<b>Our District</b>	<b>State</b>
Classes in low poverty schools not taught by highly qualified teachers	3.1%	2.3%
Classes in high poverty schools not taught by highly qualified teachers	4.1%	4.9%

	<b>Our School</b>	<b>State Objective</b>	<b>Met State Objective</b>
Classes not taught by highly qualified teachers	20.3%	0.0%	No
Student attendance rate	97.5%	94.0%*	Yes

\* Or greater than last year

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## Performance By Group

Subgroups	ELA Mean	Math Mean	Science Mean	Social Studies Mean	ELA % Tested	Math % Tested
<b>Grades 6-8</b>						
All Students	664.6	654.6	647.8	641.6	100.0	100.0
Male	664.6	656.3	649.8	643.6	100.0	100.0
Female	664.8	652.9	645.9	639.5	100.0	100.0
White	673.2	664.0	655.2	649.3	100.0	100.0
African American	643.8	632.2	632.4	619.0	100.0	100.0
Asian/Pacific Islander	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	N/A	N/A	N/A	N/A	N/A	N/A
American Indian/Alaskan	N/A	N/A	N/A	N/A	N/A	N/A
Disabled	N/A	N/A	N/A	N/A	N/A	N/A
Limited English Proficient	N/A	N/A	N/A	N/A	N/A	N/A
Subsidized meals	645.6	637.7	633.2	622.2	100.0	100.0
Annual Measurable Objective (AMO)	628.0	628.0	628.0	628.0	95.0	95.0

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## PASS Performance By Grade Level

	Grade	Enrollment 1st Day of Testing	% Tested	% Not Met	% Met	% Exemplary	% Met or Exemplary
<b>English/Language Arts</b>							
<b>2012</b>	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	74	100	15.1	28.8	56.2	84.9
	7	71	100	23.9	36.6	39.4	76.1
	8	71	100	31.4	35.7	32.9	68.6
<b>2013</b>	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	72	100	8.3	40.3	51.4	91.7
	7	72	100	12.5	37.5	50	87.5
	8	70	100	24.3	37.1	38.6	75.7
<b>Mathematics</b>							
<b>2012</b>	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	74	100	17.8	45.2	37	82.2
	7	71	100	32.4	39.4	28.2	67.6
	8	71	100	34.3	45.7	20	65.7
<b>2013</b>	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	72	100	16.7	50	33.3	83.3
	7	72	100	18.1	37.5	44.4	81.9
	8	70	100	22.9	47.1	30	77.1
<b>Science</b>							
<b>2012</b>	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	37	100	13.9	61.1	25	86.1
	7	71	100	7	60.6	32.4	93
	8	36	100	25	47.2	27.8	75
<b>2013</b>	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	35	100	25.7	48.6	25.7	74.3
	7	72	100	8.3	47.2	44.4	91.7
	8	35	100	11.4	54.3	34.3	88.6

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PASS Performance By Grade Level

	Grade	Enrollment 1st Day of Testing	% Tested	% Not Met	% Met	% Exemplary	% Met or Exemplary
<b>Social Studies</b>							
<b>2012</b>	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	37	100	21.6	43.2	35.1	78.4
	7	71	100	28.2	49.3	22.5	71.8
	8	35	100	26.5	38.2	35.3	73.5
<b>2013</b>	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	37	100	10.8	51.4	37.8	89.2
	7	72	100	18.1	41.7	40.3	81.9
	8	35	100	22.9	48.6	28.6	77.1
<b>Writing</b>							
<b>2012</b>	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	N/A	N/AV	N/A	N/A	N/A	N/A
	7	N/A	N/AV	N/A	N/A	N/A	N/A
	8	72	100	15.5	46.5	38	84.5
<b>2013</b>	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	72	100	8.3	45.8	45.8	91.7
	7	72	100	6.9	36.1	56.9	93.1
	8	70	100	10	55.7	34.3	90

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