



## Charleston Charter School for Math and Science

1002 King Street  
Charleston, SC 29403

<b>Grades</b>	6-12 High School	
<b>Enrollment</b>	429 Students	
<b>Principal</b>	Vacant	843-720-3085
<b>Superintendent</b>	Dr. Nancy J. McGinley	843-937-6319
<b>Board Chair</b>	Mr. Chris Fraser	843-725-7200

# THE STATE OF SOUTH CAROLINA 2012 ANNUAL SCHOOL REPORT CARD



## RATINGS OVER 5-YEAR PERIOD

YEAR	ABSOLUTE RATING	GROWTH RATING
2012	Excellent	N/A
2011	N/A	N/A
2010	N/A	N/A
2009	N/A	N/A
2008	N/A	N/A

## 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>

**ABSOLUTE RATINGS OF HIGH SCHOOLS WITH STUDENTS LIKE OURS**

Excellent	Good	Average	Below Average	At-Risk
26	6	1	0	0

\* Ratings are calculated with data available by 11/14/2012.

**High School Assessment Program (HSAP) Exam Passage Rate: Second Year Students**

Percent	Our High School			High Schools with Students Like Ours		
	2010	2011	2012	2010	2011	2012
Passed 2 subtests (%)	90.4%	93.6%	90.9%	80.5%	82.3%	84.4%
Passed 1 subtest (%)	9.6%	2.1%	7.3%	10.9%	10.6%	9.8%
Passed no subtests (%)	N/A	4.3%	1.8%	8.9%	7.7%	6.4%

**HSAP Passage Rate by Spring 2012**

Percent	Our High School	High Schools with Students Like Ours
	100.0%	94.2%

**Four-Year Cohort Graduation Rate**

	Our High School		High Schools with Students Like Ours	
	2011*	2012	2011	2012
Number of Students in Four-Year Cohort	1	45	325	336
Number of Graduates in Cohort	0	42	243	264
Rate	0.0%	93.3%	71.4%	78.6%

\*Used to calculate current ESEA/Federal Accountability Grade.

**Five-Year Graduation Rate**

	Our High School		High Schools with Students Like Ours	
	2011	2012	2011	2012
Number of Students in Cohort	N/A	1	349	342
Number of Graduates in Cohort	N/A	1	263	269
Rate	N/A	100.0%	75.8%	78.2%

**End of Course Tests**

Percent of tests with scores of 70 or above on:	Our High School	High Schools with Students Like Ours*
Algebra 1/Math for the Technologies 2	90.3%	81.4%
English 1	81.5%	74.9%
Biology 1/Applied Biology 2	96.7%	81.4%
US History and the Constitution	54.3%	55.3%
All Tests	82.8%	72.8%

\* High Schools with Poverty Indices of no more than 5% above or below the index for this school.

## Abbreviations for Missing Data

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

## School Profile

	Our School	Change from Last Year	High Schools with Students Like Ours	Median High School
<b>Students (n=429)</b>				
Retention rate	2.2%	Down from 5.0%	2.6%	3.0%
Attendance rate	96.6%	Down from 97.8%	95.3%	95.3%
Served by gifted and talented program	N/AV	N/AV	N/AV	N/AV
With disabilities other than speech	N/AV	N/AV	N/AV	N/AV
Older than usual for grade	N/AV	N/AV	N/AV	N/AV
Out-of-school suspensions or expulsions for violent and/or criminal offenses	2.6%	Down from 2.8%	1.1%	0.9%
Enrolled in AP/IB programs	33.3%	Down from 42.0%	17.0%	13.4%
Successful on AP/IB exams	51.4%	Up from 33.3%	53.6%	50.9%
Eligible for LIFE Scholarship	32.6%	N/R	31.6%	30.1%
Annual dropout rate	0.0%	No Change	2.9%	2.3%
Career/technology students in co-curricular organizations	1.4%	Up from 0.0%	1.6%	2.7%
Enrollment in career/technology courses	192	Up from 154	620	395
Students participating in work-based experiences	0.2%	Down from 0.7%	12.8%	7.4%
Career/technology students attaining technical skills	91.7%	Up from 88.3%	84.8%	84.0%
Career/technology completers placed	N/A	N/A	99.2%	98.4%
<b>Teachers (n=38)</b>				
Teachers with advanced degrees	52.6%	Up from 48.1%	65.9%	63.2%
Continuing contract teachers	N/AV	N/AV	N/AV	N/AV
Teachers returning from previous year	69.5%	N/A	89.6%	86.6%
Teacher attendance rate	99.5%	Up from 98.7%	95.4%	95.2%
Average teacher salary*	\$38,725	Down 1.6%	\$48,589	\$47,326
Professional development days/teacher	6.0 days	Down from 8.2 days	9.7 days	9.7 days
<b>School</b>				
Principal's years at school	2.0	Up from 1.0	5.0	4.0
Student-teacher ratio in core subjects	18.7 to 1	Down from 22.6 to 1	29.1 to 1	27.1 to 1
Prime instructional time	95.7%	Down from 95.8%	88.9%	89.4%
Dollars spent per pupil**	\$6,745	Down 21.2%	\$7,185	\$7,708
Percent of expenditures for teacher salaries**	54.2%	Up from 46.4%	58.8%	57.1%
Percent of expenditures for instruction**	60.0%	Up from 48.0%	60.4%	59.6%
Opportunities in the arts	Good	No Change	Excellent	Excellent
SACS accreditation	Yes	Up from No	Yes	Yes
Parents attending conferences	97.7%	Up from 95.0%	98.6%	97.8%
Character development program	Good	No Change	Good	Good
Modern language program assessment	N/A	N/A	Good	Good
Classical language program assessment	N/A	N/A	N/A	Average

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

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

## Abbreviations for Missing Data

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

Performance By Student Groups

	HSAP Passage Rate by Spring 2012		End of Course Tests Passage Rate		On-time Graduation Rate, 2012	
	n	%	t	%	n	%
All Students	33	100.0%	180	82.8%	45	93.3%
<b>Gender</b>						
Male	20	100.0%	90	81.1%	26	88.5%
Female	13	100.0%	90	84.4%	19	100.0%
<b>Racial/Ethnic Group</b>						
White	15	100.0%	76	89.5%	23	100.0%
African American	17	100.0%	101	78.2%	21	85.7%
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
<b>Disability Status</b>						
Disabled	N/A	N/A	N/A	N/A	N/A	N/A
<b>Migrant Status</b>						
Migrant	N/A	N/A	N/A	N/A	N/A	N/A
<b>English Proficiency</b>						
Limited English Proficient	N/A	N/A	N/A	N/A	N/A	N/A
<b>Socio-Economic Status</b>						
Subsidized meals	11	100.0%	70	78.6%	18	88.9%

NOTE: n=number of students on which percentage is calculated; t=number of tests taken.

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## Report of Principal and School Improvement Council

CCSMS began its 4th year on August 16, 2011, with an enrollment of 426 students in grades 6–12. There were 33 full-time and two part-time teachers on staff; the school exceeded professional certification requirements. PTO membership for both faculty and parents was 100%. Additionally CCSMS completed and passed a rigorous SACS accreditation process.

Both middle and high school curriculums were supplemented with a two-week Spring Term, which included concentrated classes in math and science with career exploration. Students received  $\frac{1}{2}$  high school credit for successfully completing the course. Electives offered included creative writing, film and fiction, theater, show choir, yoga, forensics, psychology, science enrichment, and marine science. 9th graders were enrolled in Physical Science, Algebra I or Geometry, English I, Global Studies, Spanish I or French I, and PE. Career Cluster classes included PLTW Engineering, PLTW Biomedical, YES Carolina! Business Entrepreneurship, and Teacher Cadet. Medical Terminology and Civil Engineering and Architecture were added through PLTW for 12th graders. 100% of 8th-12th graders participated in Individualized Graduation Plan (IGP) meetings. PASS and EOC exam results showed continued growth in four core curriculum areas. CCSMS sent off its first graduating class with 100% graduation and 100% college acceptance!

Afternoon Academy continued in grades 6-12 with small group tutoring. Scholarships were offered to families unable to pay for the services. After-school clubs included Academic Bowl, Student Government, Scrabble, Yugioh, Model Rocket, Chess, Odyssey of the Mind, Boys to Gentlemen, and Hacky Sack. Before school, students had access to computer labs and academic assistance. Extracurricular activities included a Math and Science night, a Fall Festival, guest speakers such as Zoe Damacela, Fashion Entrepreneur, and Rebecca Ufkes, 2010 National Small Business Owner of the Year who owns UEC Electronics. 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. Next swimming and JV football will be added.

CCSMS leads the way in technology utilizing SmartBoards in every class room. 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 utilizes staff and student email accounts, an online grade-book, and AlertNow for communication.

A lottery was held in January to select new students for 2012-2013; the school has a waiting list of 100+ for 6th grade. The student population in grades 6-12 for 2012-2013 is projected to be 450 students.

The greatest challenge thus far has been implementing a quality education that is based on both the students' responsibility for their own learning and their being fully engaged in the learning process.

Dr. Tamara Kirshtein, Principal  
Caryn Vedane, Board President

## Evaluations by Teachers, Students and Parents

	Teachers	Students*	Parents*
Number of surveys returned	0	0	0
Percent satisfied with learning environment	N/R	N/R	N/R
Percent satisfied with social and physical environment	N/R	N/R	N/R
Percent satisfied with school-home relations	N/R	N/R	N/R

\* Only eleventh grade students and their parents were included. For schools without grade eleven, only the highest grade was included.

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**ESEA/Federal Accountability Rating System**

In July 2012, 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>93.3</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 Data**

	<b>Our District</b>	<b>State</b>
Classes in low poverty schools not taught by highly qualified teachers	4.3%	2.6%
Classes in high poverty schools not taught by highly qualified teachers	8.3%	5.1%

	<b>Our School</b>	<b>State Objective</b>	<b>Met State Objective</b>
Classes not taught by highly qualified teachers	60.6%	0.0%	No

Abbreviations for Missing Data

Performance By Group

Subgroups	ELA Mean	Math Mean	Science Mean	Social Studies Mean	ELA % Tested	Math % Tested	Graduation Rate
<b>Grades 9-12</b>							
All Students	240	232	79	71	100.0	100.0	0.0
Male	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Female	N/A	N/A	N/A	N/A	N/A	N/A	N/A
White	N/A	N/A	N/A	N/A	N/A	N/A	N/A
African American	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Asian/Pacific Islander	N/A	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	N/A
American Indian/Alaskan	N/A	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	N/A
Limited English Proficient	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subsidized meals	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Annual Measurable Objective (AMO)	223	220	76	71	95.0	95	73.1

Abbreviations for Missing Data

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**Two-Year HSAP Trend Data**

	School Year	Enrollment 1st Day of Testing	% Tested	% Below Basic	% Basic	% Proficient	% Advanced	School % Proficient or Advanced*
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**English/Language Arts**

All Students	2011	N/A						
	2012	N/A						

**Mathematics**

All Students	2011	N/A						
	2012	N/A						

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