

CHARLESTON CHARTER SCHOOL FOR MATH AND S

1002 King Street
Charleston, South Carolina

Grades	6-11 High School	
Enrollment	361 Students	
Principal	Tamara Kirshtein	843-720-3085
Superintendent	Dr. Nancy J. McGinley	843-937-6319
Board Chair	Mr. Chris Fraser	843-725-7200

THE STATE OF SOUTH CAROLINA 2011 ANNUAL SCHOOL REPORT CARD

RATINGS OVER 5-YEAR PERIOD

YEAR	ABSOLUTE RATING	GROWTH RATING
2011	N/A	N/A
2010	N/A	N/A
2009	N/A	N/A
2008	N/A	N/A
2007	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://eoc.sc.gov>

ABSOLUTE RATINGS OF HIGH SCHOOLS WITH STUDENTS LIKE OURS

Excellent	Good	Average	Below Average	At-Risk
14	7	11	0	0

* Ratings are calculated with data available by 11/09/2011.

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

Percent	Our High School			High Schools with Students Like Ours		
	2009	2010	2011	2009	2010	2011
Passed 2 subtests (%)	N/A	90.4%	93.6%	77.7%	80.5%	82.3%
Passed 1 subtest (%)	N/A	9.6%	2.1%	12.0%	10.9%	10.6%
Passed no subtests (%)	N/A	N/A	4.3%	10.3%	8.9%	7.7%

HSAP Passage Rate by Spring 2011

Percent	Our High School	High Schools with Students Like Ours
	100.0%	93.1%

Four-Year Cohort Graduation Rate

	Our High School		High Schools with Students Like Ours	
	2010*	2011	2010	2011
Number of Students in Four-Year Cohort	N/A	1	321	325
Number of Graduates in Cohort	N/A	0	235	243
Rate	N/A	0.0%	72.3%	71.4%

*Used to calculate current AYP.

Five-Year Graduation Rate

	Our High School		High Schools with Students Like Ours	
	2010	2011	2010	2011
Number of Students in Cohort	N/A	N/A	N/A	349
Number of Graduates in Cohort	N/A	N/A	N/A	263
Rate	N/A	N/A	N/A	75.8%

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	79.2%	78.8%
English 1	87.3%	70.0%
Biology 1/Applied Biology 2	.	73.6%
Physical Science	60.4%	60.8%
US History and the Constitution	48.8%	51.5%
All Tests	67.2%	66.0%

* 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
Students (n=361)				
Retention rate	5.0%	Up from 2.8%	2.9%	3.4%
Attendance rate	97.8%	Up from 95.9%	94.9%	95.0%
Served by gifted and talented program	24.5%	Down from 28.6%	16.3%	12.4%
With disabilities other than speech	2.2%	Up from 2.0%	9.9%	9.9%
Older than usual for grade	1.9%	Up from 1.7%	4.9%	7.1%
Out-of-school suspensions or expulsions for violent and/or criminal offenses	2.8%	Down from 5.4%	1.3%	0.9%
Enrolled in AP/IB programs	42.0%	N/R	16.7%	13.0%
Successful on AP/IB exams	33.3%	N/A	50.9%	51.7%
Eligible for LIFE Scholarship	N/R	N/R	34.6%	30.1%
Annual dropout rate	0.0%	No Change	3.4%	2.5%
Career/technology students in co-curricular organizations	0.0%	No Change	2.3%	2.9%
Enrollment in career/technology courses	154	Up from 101	587	419
Students participating in work-based experiences	0.7%	Up from 0.0%	11.4%	7.2%
Career/technology students attaining technical skills	88.3%	Up from 78.2%	83.2%	83.0%
Career/technology completers placed	N/A	N/A	97.6%	98.4%
Teachers (n=27)				
Teachers with advanced degrees	48.1%	Up from 48.0%	63.0%	61.1%
Continuing contract teachers	40.7%	Up from 36.0%	87.5%	80.6%
Teachers returning from previous year	N/A	N/A	89.0%	86.5%
Teacher attendance rate	98.7%	Up from 96.7%	95.4%	95.5%
Average teacher salary*	\$39,344	Down 3.1%	\$47,753	\$46,884
Professional development days/teacher	8.2 days	Up from 7.8 days	11.2 days	10.0 days
School				
Principal's years at school	1.0	Up from 0.0	5.0	4.0
Student-teacher ratio in core subjects	22.6 to 1	Up from 19.1 to 1	29.8 to 1	26.5 to 1
Prime instructional time	95.8%	Up from 91.3%	89.0%	89.3%
Dollars spent per pupil**	\$8,564	Down 8.4%	\$7,139	\$7,804
Percent of expenditures for teacher salaries**	46.4%	Down from 46.7%	58.2%	58.0%
Percent of expenditures for instruction**	48.0%	Down from 66.0%	61.1%	60.6%
Opportunities in the arts	Good	No Change	Excellent	Excellent
SACS accreditation	No	No Change	Yes	Yes
Parents attending conferences	95.0%	Up from 84.8%	97.0%	97.3%
Character development program	Good	Up from Average	Good	Good
Modern language program assessment	N/A	N/A	Good	Good
Classical language program assessment	N/A	N/A	N/A	Good

* 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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Performance By Student Groups

	HSAP Passage Rate by Spring 2011		End of Course Tests Passage Rate		On-time Graduation Rate, 2010 For AYP		
	n	%	t	%	n	%	Met AYP Objective
All Students	1	100.0%	241	67.2%	N/A	N/A	N/A
Gender							
Male	N/A	N/A	116	71.6%	N/A	N/A	N/A
Female	N/A	N/A	122	64.8%	N/A	N/A	N/A
Racial/Ethnic Group							
White	N/A	N/A	128	74.2%	N/A	N/A	N/A
African American	N/A	N/A	109	60.6%	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
Disability Status							
Disabled	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Migrant Status							
Migrant	N/A	N/A	N/A	N/A	N/A	N/A	N/A
English Proficiency							
Limited English Proficient	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Socio-Economic Status							
Subsidized meals	N/A	N/A	85	62.4%	N/A	N/A	N/A

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 3rd year on Aug. 18, 2010, with an enrollment of 373 students in grades 6–11. At the end of the school year, there were 357 students. There were 26 full-time and one part-time teacher on staff; the school met professional certification requirements. PTO membership for both faculty & parents was 100%.

A standard middle school curriculum includes high school credit courses in Algebra I, Spanish I, and French I. Both middle and high school curriculums were supplemented with a two-week Spring Term, which included concentrated classes in math & sciences with career exploration. Students received ½ high school credit for successfully completing the course. Art & music classes were led by artists-in-residence. Electives offered included creative writing, public speaking, theater, show choir, forensics, personal finance, and marine science. Ninth graders were enrolled in Physical Science, Algebra 1 or Geometry, English 1, Global Studies, Spanish I or French I, and PE. Career Cluster classes included PLTW Engineering, PLTW Biomedical, and YES Carolina! Business Entrepreneurship. We added Medical Interventions & Digital Engineering through PLTW for 11th graders. 100% of 8th-11th graders participated in Individualized Graduation Plan (IGP) meetings. Students continue to perform and show growth in 4 core curriculum areas as measured through PASS and EOC exams. We have a 90% pass rate on the HSAP exam.

We began an Afternoon Academy for grades 6-11 to provide small group tutoring. Scholarships were offered to those families unable to pay for these services. Teachers offered individual study sessions at no cost. An after-school activity period included clubs such as Academic Bowl & Student Government. Before school, students have access to computer labs & academic assistance. Extracurricular activities included a Science & Math night, an anti-bullying kick-off, guest speakers such as Obama-appointee Secretary Darcy of the Army Corps of Engineers, author Lenell Geter, & Invisible Children from Uganda. Student-led food drives yielded 1,070 meals. CCSMS is a member of the SCHSL; teams in basketball, tennis, volleyball, cross-country and soccer participated at the JV & varsity levels. The Athletic Booster Club & PTO held several fund-raising activities to support the athletic program. Honors received included Regional Girls volleyball champions, Lower State Boys Soccer Champions, State-wide Essay Contest Winners, student presenters at the SC Science Council, SC charter school teacher of the year, & meeting AYP 3 years consecutively.

Each classroom has a SmartBoard. The school also has 4 classroom sets of 20 laptop computers and 60 iPad touches. CCSMS utilizes staff & student email accounts, online grade-book, and AlertNow for communication. A lottery was held in January to select new students for 2011-2012 and has a waiting list of 100+ for 6th grade. The student population in grades 6-12 for 2011-2012 is projected to be 445 students.

We will be adding Teacher Cadet Teaching Math & Science in 2011-2012. 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.

Tamara Kirshtein, Principal; Caryn Vedane, Board President---Charleston Charter School for Math and Science, 1002 King Street, Charleston, SC 29403

Evaluations by Teachers, Students and Parents

	Teachers	Students*	Parents*
Number of surveys returned	12	55	34
Percent satisfied with learning environment	100.0%	70.4%	90.6%
Percent satisfied with social and physical environment	100.0%	73.6%	82.4%
Percent satisfied with school-home relations	91.7%	84.9%	78.8%

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

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No Child Left Behind

School Adequate Yearly Progress NO

This school met 15 out of 17 objectives. The objectives included student performance, graduation rate or student attendance, and participation in the state testing program.

Definition: As required by the United States Department of Education, Adequate Yearly Progress specifies that the statewide target is met for "All Students" and for the following subgroups: Racial/Ethnic, Subsidized Meals, Disability, and Limited English Proficiency in the areas of English/Language Arts and Mathematics, as well as meeting the statewide target for "All Students" for attendance or graduation rate.

School Improvement Status N/A

School Improvement Key

NI	Newly Identified-The school missed adequate yearly progress (AYP) for two years. Sanction: Offer school choice.
CSI	Continuing School Improvement-The school missed AYP for three years. Sanctions: Continue school choice and implement supplemental services.
CA	Corrective Action-The school missed AYP for four years. Sanction: Continue school choice and supplemental services. The school district takes a corrective action.
RP	Plan to Restructure-Sanctions: Continue school choice and supplemental services. Develop a plan to restructure. If the school misses AYP the next year, the school implements the restructuring plan.
R	Restructure-The school missed AYP after two years of corrective action. Sanctions: Implement the restructuring plan. Continue school choice and supplemental services.
DELAY	The school met AYP in all subgroups and the indicator for one year, thus the delay provision applies. The school remains in the same status as last year and is referred to as in "Delay."
HOLD	The school made progress for one year in the subject area that identified the school for school improvement. The school remains in the same status as last year and is referred to as in "Hold."

Teacher Quality Data

	Our District	State
Classes in low poverty schools not taught by highly qualified teachers	2.7%	1.7%
Classes in high poverty schools not taught by highly qualified teachers	5.2%	4.4%

	Our School	State Objective	Met State Objective
Classes not taught by highly qualified teachers	57.8%	0.0%	No

Abbreviations for Missing Data

HSAP Performance By Group

	Enrollment 1st Day of Testing	% Tested	% Below Basic	% Basic	% Proficient	% Advanced	School % Proficient or Advanced*	District % Proficient or Advanced*	State % Proficient or Advanced*	Performance Objective Met	Participation Objective Met
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English/Language Arts - State Performance Objective = 71.3% (Proficient or Advanced)

All Students	47	100.0	2.2	10.9	21.7	65.2	89.1	71.8	68.0	Yes	Yes
Male	24	100.0	4.2	16.7	37.5	41.7	79.2	67.8	63.1	N/A	N/A
Female	23	100.0	N/A	4.5	4.5	90.9	100.0	75.6	73.1	N/A	N/A
White	27	100.0	N/A	3.7	14.8	81.5	96.3	90.7	79.4	I/S	I/S
African American	20	100.0	5.3	21.1	31.6	42.1	78.9	51.9	51.7	I/S	I/S
Asian/Pacific Islander	0	N/A	N/A	N/A	N/A	N/A	N/A	89.7	83.2	I/S	I/S
Hispanic	0	N/A	N/A	N/A	N/A	N/A	N/A	66.3	62.8	I/S	I/S
American Indian/Alaskan	0	N/A	N/A	N/A	N/A	N/A	N/A	I/S	66.4	I/S	I/S
Disabled	1	I/S	I/S	I/S	I/S	I/S	I/S	27.2	22.8	I/S	I/S
Migrant	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	I/S	N/A	N/A
Limited English Proficient	0	N/A	N/A	N/A	N/A	N/A	N/A	53.4	45.1	I/S	I/S
Subsidized meals	15	100.0	7.1	28.6	21.4	42.9	64.3	53.1	54.7	I/S	I/S

Mathematics - State Performance Objective = 70.0% (Proficient or Advanced)

All Students	47	100.0	4.3	21.7	39.1	34.8	80.4	64.8	62.3	Yes	Yes
Male	24	100.0	8.3	29.2	25.0	37.5	66.7	64.7	61.4	N/A	N/A
Female	23	100.0	N/A	13.6	54.5	31.8	95.5	64.9	63.2	N/A	N/A
White	27	100.0	3.7	18.5	29.6	48.1	88.9	85.9	75.3	I/S	I/S
African American	20	100.0	5.3	26.3	52.6	15.8	68.4	42.1	42.9	I/S	I/S
Asian/Pacific Islander	0	N/A	N/A	N/A	N/A	N/A	N/A	92.3	84.3	I/S	I/S
Hispanic	0	N/A	N/A	N/A	N/A	N/A	N/A	64.3	59.4	I/S	I/S
American Indian/Alaskan	0	N/A	N/A	N/A	N/A	N/A	N/A	I/S	64.1	I/S	I/S
Disabled	1	I/S	I/S	I/S	I/S	I/S	I/S	26.9	21.5	I/S	I/S
Migrant	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	I/S	N/A	N/A
Limited English Proficient	0	N/A	N/A	N/A	N/A	N/A	N/A	55.2	47.1	I/S	I/S
Subsidized meals	15	100.0	7.1	35.7	35.7	21.4	64.3	43.7	48.5	I/S	I/S

Biology 1/Applied Biology 2 (End-of-Course Test Performance by Group)

All Students	47	100.0	40.4	34.0	10.6	14.9	25.5	N/A	N/A	N/A	N/A
Male	24	100.0	41.7	29.2	4.2	25.0	29.2	N/A	N/A	N/A	N/A
Female	23	100.0	39.1	39.1	17.4	4.3	21.7	N/A	N/A	N/A	N/A
White	27	100.0	29.6	33.3	14.8	22.2	37.0	N/A	N/A	N/A	N/A
African American	20	100.0	55.0	35.0	5.0	5.0	10.0	N/A	N/A	N/A	N/A
Asian/Pacific Islander	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
American Indian/Alaskan	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Disabled	1	I/S	I/S	I/S	I/S	I/S	I/S	N/A	N/A	N/A	N/A
Migrant	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Limited English Proficient	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subsidized meals	15	100.0	46.7	26.7	6.7	20.0	26.7	N/A	N/A	N/A	N/A

* Adjusted to account for natural variation in performance.

Abbreviations for Missing Data

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

Two-Year HSAP Trend Data

	School Year	Enrollment 1st Day of Testing	% Tested	% Below Basic	% Basic	% Proficient	% Advanced	School % Proficient or Advanced*	District % Proficient or Advanced*	State % Proficient or Advanced*
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English/Language Arts - State Performance Objective = 71.3% (Proficient or Advanced)

All Students	2010	52	100.0	3.9	15.7	51.0	29.4	90.2	69.8	65.9
	2011	47	100.0	2.2	10.9	21.7	65.2	89.1	71.8	68.0

Mathematics - State Performance Objective = 70.0% (Proficient or Advanced)

All Students	2010	52	100.0	5.9	37.3	29.4	27.5	74.5	64.2	62.3
	2011	47	100.0	4.3	21.7	39.1	34.8	80.4	64.8	62.3

* Adjusted to account for natural variation in performance.

Abbreviations for Missing Data

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