

## Midlands STEM Institute

112 Crane Street  
Winnsboro, SC 29180



# South Carolina State Report Card

State and federal laws require public schools to release report cards to the public each year. This year, the report card has been updated to reflect changes in reporting directed by the SC Education Oversight Committee. Schools will not be rated for state accountability purposes until Fall 2017 when the state will transition to a single accountability system. The following reports student performance in school year 2014-15.

<b>Grades:</b>	K-5 Elementary	<b>Principal:</b>	Marie Milam, Executive Director
<b>Enrollment:</b>	92 students	<b>Superintendent:</b>	Wayne Brazell, Ph.D.
<b>School Phone:</b>	803-815-1524	<b>Board Chair:</b>	Warren Engle
<b>School Website:</b>	<a href="http://www.midlandsstem.org/">http://www.midlandsstem.org/</a>		



### Profile of the SC Graduate

#### World Class Knowledge

- Rigorous standards in language arts and math for career and college readiness
- Multiple languages, science, technology, engineering, mathematics (STEM), arts and social sciences\*

#### World Class Skills

- Creativity and innovation
- Critical thinking and problem solving
- Collaboration and teamwork
- Communication, information, media and technology
- Knowing how to learn

#### Life and Career Characteristics

- Integrity
- Self-direction
- Global perspective
- Perseverance
- Work ethic
- Interpersonal skills

\* 21st Century core courses in Social Sciences include History, Geography, Economics, Government and Civics.

### WORLD CLASS SKILLS & LIFE AND CAREER CHARACTERISTICS

*Our school is helping all students develop the world class skills and life and career characteristics of the Profile of the Graduate by ...*

Midlands STEM Institute (MSI) is a tuition-free public charter school. The MSI mission is to develop physically fit, STEM proficient students. Midlands STEM Institute opened the school year in August 2014 and completed our inaugural year in June 2015. MSI's faculty, staff, and administration are dedicated to providing students with high quality education as evidenced in our efforts to meet the needs of individual students.

MSI teachers work with students to move them from where they are performing to higher levels of achievement. MSI uses multiple measures to identify and monitor student performance, including, schoolwide assessments, Measures of Academic Performance (MAP), and benchmarks. After establishing baseline data, teachers and staff work with students to plan instruction based on what each student needs, whether that need is acceleration or intervention, based on the goals detailed in each student's individualized student growth plan (ISGP). MSI students engage in broad-based research. Students use a variety of technology devices including tablets, ipads, ipad airs, chrome books, and laptops in order to enhance their skills. Faculty, staff, and administration share the vision of ensuring that our students have the skill sets and tools enabling them to compete in a global culture. Chinese culture, language, tai chi, physical fitness (including diet and exercise), STEM education, and character education are foundations for this vision. As a team, MSI works to establish quality learning environments for all students. 2014-2015 schoolwide goals included the team building and innovations in teaching. As a result, MSI's student enrollment increased more than 65 percent during the 2014-2015 school year. MSI is fortunate to have a core of dedicated parents and volunteers who continue to help the school grow.

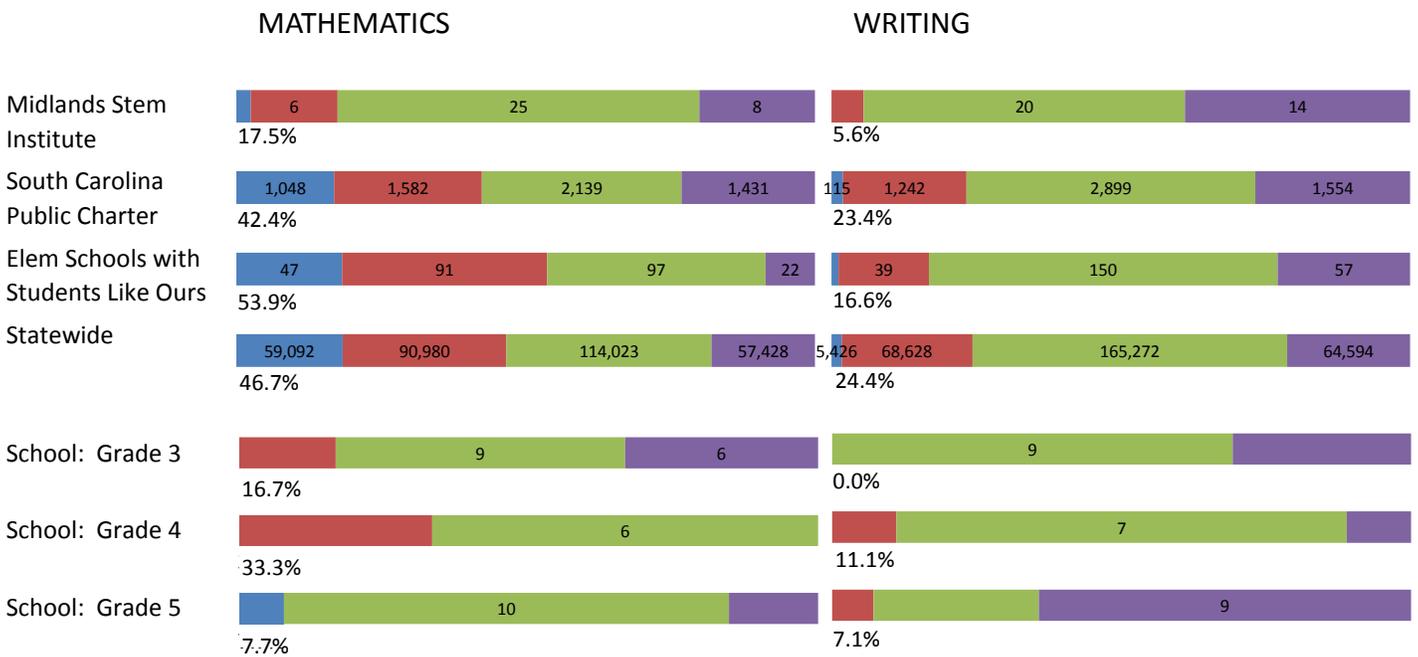
MSI faculty, staff, and the administration embrace teaching students in ways that inspire students to learn. MSI is dedicated to teaching and learning in ways that move students forward and help them succeed academically and socially.

Kevin Thomas,  
Chairman of the Board of Directors

Marie Milam  
Executive Director

**KNOWLEDGE**

The ACT Aspire assessment was given to students in grades 3-8 in Spring 2015. Students were assessed in the subject areas of Reading, English, Mathematics and Writing



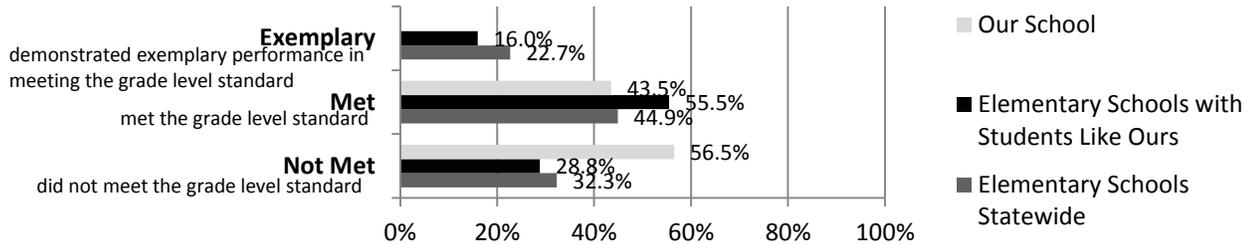
Abbreviations for Missing Data

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

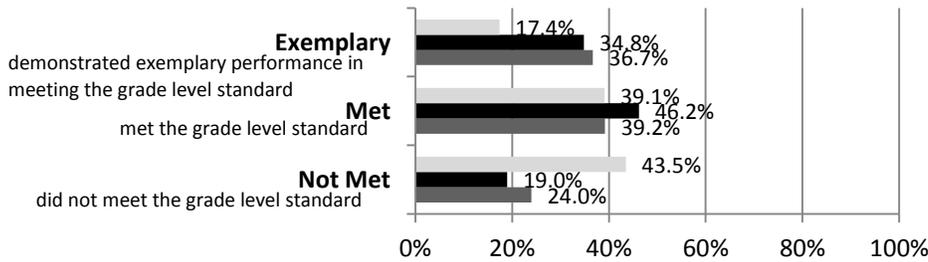
**KNOWLEDGE**

The SC Palmetto Assessment of State Standards (SCPASS) was given to students in grades 4 - 8 in Spring 2015. Students were assessed in the subject areas of Science and Social Studies.

**Science**



**Social Studies**



**Science SCPASS**

Our School: Percent Met and Above for each grade level	
4th grade	5th grade
44.4	42.9

**Social Studies SCPASS**

Our School: Percent Met and Above for each grade level	
4th grade	5th grade
66.7	50.0

Note: Results include SC-Alt assessment results.

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

Elementary Schools with Students Like Ours are elementary schools with poverty indices of no more than 5% above or below the index for the school.

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**OPPORTUNITIES****For students to meet the profile of the SC Graduate**

	Our School	Change from Last Year	Elementary Schools with students like ours
<b>Students (n = 92)</b>			
Percent of students participating in Medicaid, SNAP, or TANF; homeless, foster, or migrant students (poverty index)	69.7	N/A	N/A
Attendance Rate	99.9	N/A	95.9
With disabilities	12.8	N/A	12.9
Out of school suspensions or expulsions for violent and/or criminal offenses	0.0	N/A	0.0
Percentage of students served by gifted and talented programs	22.9	N/A	7.5
Percentage of students retained	0.0	N/A	1.1
<b>Teachers (n = 12)</b>			
Percentage of teachers with advanced degrees	25.0	N/A	60.5
Percentage of teachers on continuing contract	33.3	N/A	84.1
Teachers returning from previous year	N/A	N/A	89.1
Teacher attendance rate	98.9	N/A	94.9
Average teacher salary*	\$32,800	N/A	\$48,479
Professional development days / teacher	12.5 days	N/A	10.6 days
Percentage of teacher vacancies for more than 9 weeks	18.2	N/A	0.5
<b>School</b>			
Principal's years at school	1.0	N/A	4.5
Student-teacher ratio in core subjects	15.0 to 1	N/A	20.7 to 1
Prime instructional time	99.0	N/A	89.6
Opportunities in the arts	Good	N/A	Good
Opportunities in foreign languages	Poor	N/A	Poor
AdvancEd (SACS) accreditation	No	N/A	Yes
Parents attending conferences	100.0	N/A	100.0
Character development program	N/A	N/A	Excellent
Avg. age of books / electronic media in the school library	N/A	N/A	15.0
Number of resources available per student in the school library media center	N/A	N/A	20.9
Bandwidth capacity per student	<25 Mbps	N/C	N/A
Percent of classrooms with wireless access	76-100%	N/C	N/A
District-issued learning devices per student	0.0	N/C	0.6
District-issued technology devices per teacher	0.0	N/C	1.9
Percentage of classes not taught by highly qualified teachers	30.0	N/A	0.0
Dollars spent per pupil**	N/A	N/A	\$7,624
Percent of expenditures for instruction**	N/A	N/A	67.1
Percent of expenditures for teachers' salaries**	N/A	N/A	68.5

\* Includes current year teachers contracted for 190 days or more.

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

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**OPPORTUNITIES****Evaluations by Teachers, Students, and Parents****Evaluations by Teachers, Students, and Parents**

	<b>Teachers</b>	<b>Students*</b>	<b>Parents*</b>
Number of surveys returned	8	27	16
Percent satisfied with learning environment	I/S	77.7	93.8
Percent satisfied with social and physical environment	I/S	67.9	81.3
Percent satisfied with school-home relations	I/S	75.0	87.5

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

**State Ratings History of School**

<b>Year</b>	<b>Absolute Rating</b>	<b>Growth Rating</b>
2014	N/A	N/A
2013	N/A	N/A
2012	N/A	N/A

Based on state law, schools will not be rated for state accountability purposes until Fall 2017.

**Additional Resources**

SC State Content Standards  
[Family-Friendly Guides to the SC Content Standards](#)  
[2014-15 Accountability Manual](#)  
[Report Card Data Files](#)  
[ESEA Data Files](#)

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