



## Mayo High School for Math, Science, and Technology

405 Chestnut Street

Darlington, South Carolina

<b>Grades</b>	9-12 High School	
<b>Enrollment</b>	336 Students	
<b>Principal</b>	Arlene B. Johnson	843-398-2650
<b>Superintendent</b>	Dr. Rainey H. Knight	843-398-5200
<b>Board Chair</b>	Dr. Allem McCutcheon	843-332-2852

# THE STATE OF SOUTH CAROLINA 2008 ANNUAL SCHOOL REPORT CARD

## RATINGS OVER 5-YEAR PERIOD

Year	Absolute Rating	Growth Rating
<b>2008</b>	<b>Excellent</b>	<b>Excellent</b>
2007	Excellent	Excellent
2006	Excellent	Excellent
2005	Excellent	Excellent
2004	Excellent	Excellent

## DEFINITIONS OF DISTRICT RATING TERMS

- Excellent – District performance substantially exceeds the standards for progress toward the 2010 SC Performance Goal
- Good – District performance exceeds the standards for progress toward the 2010 SC Performance Goal
- Average – District performance meets the standards for progress toward the 2010 SC Performance Goal
- Below Average – District is in jeopardy of not meeting the standards for progress toward the 2010 SC Performance Goal
- At-Risk – District performance fails to meet the standards for progress toward the 2010 SC Performance Goal

## SOUTH CAROLINA PERFORMANCE GOAL

By 2010, South Carolina's student achievement will be ranked in the top half of the states nationally. To achieve this goal, we must become one of the fastest improving systems in the country.

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

Excellent	Good	Average	Below Average	At-Risk
7	4	4	0	0

\* Ratings are calculated with data available by September 30.

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

Percent	Our High School			High Schools with Students Like Ours		
	2006	2007	2008	2006	2007	2008
Passed 2 subtests (%)	100.0	100.0	100.0	81.8	82.8	89.0
Passed 1 subtest (%)	0	0	0	9.2	10.7	6.7
Passed no subtests (%)	0	0	0	9.8	7.4	5.1

**HSAP Passage Rate by Spring 2008**

Percent	Our High School	High Schools with Students Like Ours
	100.0%	95.9%

**On-Time Graduation Rate**

	Our High School	High Schools with Students Like Ours
Number of Students	82	292
Number of Diplomas	82	230
Rate	100.0%	79.2%

**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	96.0	77.5
English 1	95.5	76.1
Physical Science	89.0	63.5
All Tests	91.3	71.3

\* 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=336)</b>				
Retention rate	0.0%	Down from 1.2%	5.4%	6.1%
Attendance rate	96.8%	No Change	95.7%	95.0%
Eligible for gifted and talented	50.8%	Down from 54.6%	18.8%	8.3%
With disabilities other than speech	1.2%	Up from 0.9%	10.1%	13.0%
Older than usual for grade	0.6%	No Change	7.2%	8.5%
Out-of-school suspensions or expulsions for violent &/or criminal offenses	0.0%	Down from 0.3%	1.7%	1.5%
Enrolled in AP/IB programs	33.9%	Up from 23.9%	25.9%	11.4%
Successful on AP/IB exams	59.6%	N/A	63.3%	54.3%
Eligible for LIFE Scholarship	50.0%	Up from 42.2%	42.2%	30.5%
Annual dropout rate	0.3%	Up from 0.0%	2.2%	3.5%
Career/technology students in co-curricular organizations	9.5%	Down from 10.0%	3.7%	3.1%
Enrollment in career/technology courses	162	Up from 150	693	559
Students participating in work-based experiences	30.1%	Up from 4.7%	7.5%	10.6%
Career/technology students attaining technical skills	97.8%	Down from 98.7%	84.8%	79.6%
Career/technology completers placed	N/A	N/A	98.9%	98.5%
<b>Teachers (n=24)</b>				
Teachers with advanced degrees	62.5%	Down from 66.7%	63.8%	57.4%
Continuing contract teachers	87.5%	Up from 83.3%	72.0%	69.6%
Teachers with emergency or provisional certificates	0.0%	No Change	5.0%	8.7%
Teachers returning from previous year	95.8%	Down from 97.2%	87.2%	85.0%
Teacher attendance rate	94.6%	Down from 96.0%	95.8%	95.4%
Average teacher salary	\$51,349	Up 15.2%	\$48,124	\$46,061
Professional development days/teacher	16.1 days	Up from 14.0 days	12.9 days	11.4 days
<b>School</b>				
Principal's years at school	8.0	Up from 7.0	4.0	3.0
Student-teacher ratio in core subjects	18.7 to 1	Down from 19.1 to 1	27.8 to 1	25.4 to 1
Prime instructional time	89.3%	Down from 90.7%	90.4%	89.1%
Dollars spent per pupil*	\$8,094	Up 7.2%	\$7,032	\$7,279
Percent of expenditures for teacher salaries*	54.0%	Down from 56.3%	57.7%	55.3%
Percent of expenditures for instruction*	56.9%	Down from 58.3%	62.0%	60.8%
Opportunities in the arts	Excellent	No Change	Excellent	Excellent
Parents attending conferences	100.0%	No Change	96.4%	94.2%
SACS accreditation	Yes	No Change	Yes	Yes
Character development program	Good	Up from Average	Good	Good
Modern Language Program Assessment	Excellent	N/A	Good	Good
Classical Language Program Assessment	N/A	N/A	N/A	Average

\* 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 2008		End of Course Passage Rate		Graduation Rate		
	n	%	t	%	n	%	Met State Objective
All Students	82	100.0%	138	91.3%	82	100.0%	Yes
<b>Gender</b>							
Male	27	100.0%	65	95.4%	27	100.0%	N/A
Female	55	100.0%	73	87.7%	55	100.0%	N/A
<b>Racial/Ethnic Group</b>							
White	54	100.0%	82	93.9%	54	100.0%	N/A
African American	28	100.0%	53	86.8%	28	100.0%	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
<b>Disability Status</b>							
Disabled	N/A	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	N/A
<b>English Proficiency</b>							
Limited English Proficient	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Socio-Economic Status</b>							
Subsidized meals	18	100.0%	39	84.6%	18	100.0%	N/A

\* 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

Mayo High School for Math, Science & Technology has a continuing goal to maintain high expectations for all. Students at Mayo are widely recognized for their success and dedication in the areas of academics, athletics and community service. A tradition of excellence is the driving force behind the school's accomplishments. Not only the students soared, but also the teachers, and the school itself had several noteworthy accomplishments as well. Mayo's legacy of outstanding and competitive extracurricular activities continues to impress. The following list includes just a few of our sundry accomplishments and awards:

Mayo was named by US News and World Report as one of America's best high schools; One hundred percent graduation rate again; Fifty percent of the seniors qualified for LIFE scholarships; Four Palmetto Fellows were named; Two Teaching Fellows were named; Record number of seniors with out-of-state college acceptances and attendance; Eleven seniors received Mayo Honors diploma, setting a new record; Seniors were offered more than \$6.45 million in scholarships; Two teachers became National Board Certified; bringing the total number to nine; Another teacher became AP certified; bringing our school total to fourteen; Our Teacher of the Year was named as District Teacher of the Year and State Teacher of the Year finalist; A Mayo teacher was elected to the Board of Directors of Palmetto State Teachers Association as the District Six director; Our school received a fifth Palmetto Gold Flag; Summer math was added to our curriculum; Senior Thesis students participated in the Sand Hills Science Fair and took numerous awards and honors and 2nd place overall honors again; Two students were recognized as Wendy's High School Heisman winners and one was named a state finalist; A Mayo student competed in the International Science and Engineering Fair in Atlanta, Ga.; The Academic Booster Club/School Improvement Council continues to finance the academic incentives for our students; Ninety-eight percent of the seniors plan to attend postsecondary institutions; Over ninety percent of the Algebra I, Physical Science and English I students passed the end of course tests; HSAP diagnostic testing and workshops were held to help prepare the sophomores for the new HSAP; One hundred percent of the Class of 2009 passed HSAP on the first try; Mayo won the district's Five Star Customer Award.

☐☐☐  
 Arlene B. Johnson, Principal  
 Kay Hendrix, SIC president

Evaluations by Teachers, Students and Parents

	Teachers	Students*	Parents*
Number of surveys returned	25	72	14
Percent satisfied with learning environment	100.0%	94.4%	100.0%
Percent satisfied with social and physical environment	100.0%	91.7%	85.7%
Percent satisfied with school-home relations	100.0%	95.8%	92.9%

\* 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

YES

This school met 9 out of 9 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. Sanction: Implement the restructuring plan.
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 School	State
Classes in low poverty schools not taught by highly qualified teachers	0.0%	1.8%
Classes in high poverty schools not taught by highly qualified teachers	5.7%	6.8%

  

	Our School	State Objective	Met State Objective
Classes not taught by highly qualified teachers	0.0%	0.0%	Yes

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**HSAP Performance By Group**

	Enrollment 1st Day of Testing	% Tested	% Below Basic	% Basic	% Proficient	% Advanced	School % Proficient and Advanced*	District % Proficient and Advanced*	State % Proficient and Advanced*	Performance Objective Met	Participation Objective Met
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**English/Language Arts - State Performance Objective = 52.3% (Proficient and Advanced)**

All Students	87	100	0	2.4	34.1	63.4	98.8	66.6	69.7	Yes	Yes
Male	35	100	0	3	30.3	66.7	97	61.7	64.6	N/A	N/A
Female	52	100	N/AV	N/AV	N/AV	N/AV	N/AV	71.5	74.8	N/A	N/A
White	56	100	N/AV	N/AV	N/AV	N/AV	N/AV	86.2	81.7	Yes	Yes
African American	31	100	0	7.1	53.6	39.3	96.4	51.5	53.6	I/S	I/S
Asian/Pacific Islander	N/A	I/S	I/S	I/S	I/S	I/S	I/S	I/S	83.1	I/S	I/S
Hispanic	N/A	I/S	I/S	I/S	I/S	I/S	I/S	I/S	59.7	I/S	I/S
American Indian/Alaskan	N/A	I/S	I/S	I/S	I/S	I/S	I/S	N/A	65.5	I/S	I/S
Disabled	1	I/S	I/S	I/S	I/S	I/S	I/S	23.7	25.2	I/S	I/S
Migrant	N/A	I/S	I/S	I/S	I/S	I/S	I/S	N/A	40	N/A	N/A
Limited English Proficient	N/A	I/S	I/S	I/S	I/S	I/S	I/S	I/S	47.3	I/S	I/S
Subsized meals	29	100	0	7.4	55.6	37	96.3	57.2	55.1	I/S	I/S

**Mathematics - State Performance Objective = 50.0% (Proficient and Advanced)**

All Students	87	100	N/AV	N/AV	N/AV	N/AV	N/AV	62.5	67.2	Yes	Yes
Male	35	100	N/AV	N/AV	N/AV	N/AV	N/AV	61.6	66.3	N/A	N/A
Female	52	100	N/AV	N/AV	N/AV	N/AV	N/AV	63.3	68	N/A	N/A
White	56	100	N/AV	N/AV	N/AV	N/AV	N/AV	82	79.6	Yes	Yes
African American	31	100	N/AV	N/AV	N/AV	N/AV	N/AV	47.6	49.7	I/S	I/S
Asian/Pacific Islander	N/A	I/S	I/S	I/S	I/S	I/S	I/S	I/S	88.9	I/S	I/S
Hispanic	N/A	I/S	I/S	I/S	I/S	I/S	I/S	I/S	60	I/S	I/S
American Indian/Alaskan	N/A	I/S	I/S	I/S	I/S	I/S	I/S	N/A	69.5	I/S	I/S
Disabled	1	I/S	I/S	I/S	I/S	I/S	I/S	19.1	23.8	I/S	I/S
Migrant	N/A	I/S	I/S	I/S	I/S	I/S	I/S	N/A	46.7	N/A	N/A
Limited English Proficient	N/A	I/S	I/S	I/S	I/S	I/S	I/S	I/S	54.9	I/S	I/S
Subsized meals	29	100	N/AV	N/AV	N/AV	N/AV	N/AV	53	53.1	I/S	I/S

**Physical Science (End-of-Course Performance by Group)**

All Students	91	100.0	26.4	16.5	26.4	30.8	57.1	N/A	N/A	N/A	N/A
Male	42	100.0	16.7	7.1	33.3	42.9	76.2	N/A	N/A	N/A	N/A
Female	49	100.0	34.7	24.5	20.4	20.4	40.8	N/A	N/A	N/A	N/A
White	62	100.0	22.6	11.3	25.8	40.3	66.1	N/A	N/A	N/A	N/A
African American	28	100.0	35.7	28.6	25.0	10.7	35.7	N/A	N/A	N/A	N/A
Asian/Pacific Islander	N/A	I/S	I/S	I/S	I/S	I/S	I/S	N/A	N/A	N/A	N/A
Hispanic	1	I/S	I/S	I/S	I/S	I/S	I/S	N/A	N/A	N/A	N/A
American Indian/Alaskan	N/A	I/S	I/S	I/S	I/S	I/S	I/S	N/A	N/A	N/A	N/A
Disabled	4	I/S	I/S	I/S	I/S	I/S	I/S	N/A	N/A	N/A	N/A
Migrant	N/A	I/S	I/S	I/S	I/S	I/S	I/S	N/A	N/A	N/A	N/A
Limited English Proficient	1	I/S	I/S	I/S	I/S	I/S	I/S	N/A	N/A	N/A	N/A
Subsized meals	18	100.0	38.9	22.2	16.7	22.2	I/S	N/A	N/A	N/A	N/A

\* Adj - 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 and Advanced*	District % Proficient and Advanced*	State % Proficient and Advanced*
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**English/Language Arts - State Performance Objective = 52.3% (Proficient and Advanced)**

All Students	2007	85	100.0	N/A	4.8	28.6	66.7	97.6	59.9	70.7
	2008	87	100	0	2.4	34.1	63.4	98.8	66.6	69.7

**Mathematics - State Performance Objective = 50.0% (Proficient and Advanced)**

All Students	2007	85	100.0	N/A	6.0	23.8	70.2	100.0	51.5	62.2
	2008	87	100	N/AV	N/AV	N/AV	N/AV	N/AV	62.5	67.2

Abbreviations for Missing Data

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