



Mayo High School for Math, Science & Technology

405 Chestnut Street

Darlington, SC 29532

Grades	9-12 High School	
Enrollment	356 Students	
Principal	Arlene B. Johnson	843-398-2650
Superintendent	Dr. Rainey Knight	843-398-5100
Board Chair	Charles Govan	843-332-2288

THE STATE OF SOUTH CAROLINA 2012 ANNUAL SCHOOL REPORT CARD

RATINGS OVER 5-YEAR PERIOD

YEAR	ABSOLUTE RATING	GROWTH RATING
2012	Excellent	Excellent
2011	Excellent	Excellent
2010	Excellent	Excellent
2009	Excellent	Excellent
2008	Excellent	Excellent

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
23	5	1	0	0

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

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

	Our High School			High Schools with Students Like Ours		
Percent	2010	2011	2012	2010	2011	2012
Passed 2 subtests (%)	100.0%	100.0%	98.8%	84.1%	85.4%	84.4%
Passed 1 subtest (%)	N/A	N/A	1.2%	9.3%	9.3%	10.1%
Passed no subtests (%)	N/A	N/A	N/A	7.4%	6.1%	6.2%

HSAP Passage Rate by Spring 2012

	Our High School	High Schools with Students Like Ours
Percent	100.0%	94.3%

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	81	79	369	356
Number of Graduates in Cohort	81	79	292	283
Rate	100.0%	100.0%	79.9%	79.3%

*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	78	81	373	364
Number of Graduates in Cohort	78	81	287	289
Rate	100.0%	100.0%	77.0%	78.8%

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	100.0%	81.0%
English 1	88.9%	74.5%
Biology 1/Applied Biology 2	100.0%	80.5%
US History and the Constitution	54.3%	57.2%
All Tests	80.8%	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
Students (n=356)				
Retention rate	0.0%	No Change	2.5%	3.0%
Attendance rate	96.3%	No Change	95.6%	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	0.0%	Down from 1.1%	1.1%	0.9%
Enrolled in AP/IB programs	16.7%	Down from 26.3%	22.3%	13.4%
Successful on AP/IB exams	51.3%	Up from 42.9%	53.4%	50.9%
Eligible for LIFE Scholarship	40.5%	Down from 49.4%	37.0%	30.1%
Annual dropout rate	0.0%	No Change	2.4%	2.3%
Career/technology students in co-curricular organizations	8.5%	Down from 9.4%	1.6%	2.7%
Enrollment in career/technology courses	112	Down from 116	677	395
Students participating in work-based experiences	39.4%	Up from 4.0%	10.0%	7.4%
Career/technology students attaining technical skills	95.5%	Down from 97.4%	84.5%	84.0%
Career/technology completers placed	N/A	N/A	98.1%	98.4%
Teachers (n=18)				
Teachers with advanced degrees	88.9%	Up from 85.0%	67.0%	63.2%
Continuing contract teachers	N/AV	N/AV	N/AV	N/AV
Teachers returning from previous year	86.3%	Down from 88.2%	89.6%	86.6%
Teacher attendance rate	96.2%	Down from 96.6%	95.4%	95.2%
Average teacher salary*	\$49,201	Down 0.4%	\$48,589	\$47,326
Professional development days/teacher	13.7 days	Down from 16.1 days	9.7 days	9.7 days
School				
Principal's years at school	12.0	Up from 11.0	6.0	4.0
Student-teacher ratio in core subjects	25.6 to 1	Up from 23.3 to 1	29.4 to 1	27.1 to 1
Prime instructional time	91.9%	Down from 92.1%	89.3%	89.4%
Dollars spent per pupil**	\$7,497	Down 3.3%	\$7,008	\$7,708
Percent of expenditures for teacher salaries**	53.0%	Up from 52.9%	59.5%	57.1%
Percent of expenditures for instruction**	54.9%	Up from 53.9%	60.4%	59.6%
Opportunities in the arts	Excellent	No Change	Excellent	Excellent
SACS accreditation	Yes	No Change	Yes	Yes
Parents attending conferences	100.0%	Up from 99.5%	98.7%	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	Average	Average

* 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 2012		End of Course Tests Passage Rate		On-time Graduation Rate, 2012	
	n	%	t	%	n	%
All Students	80	100.0%	234	80.8%	79	100.0%
Gender						
Male	30	100.0%	100	89.0%	31	100.0%
Female	50	100.0%	134	74.6%	48	100.0%
Racial/Ethnic Group						
White	51	100.0%	121	86.8%	49	100.0%
African American	28	100.0%	108	73.1%	29	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
Disability Status						
Disabled	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
English Proficiency						
Limited English Proficient	N/A	N/A	N/A	N/A	N/A	N/A
Socio-Economic Status						
Subsidized meals	29	100.0%	105	75.2%	28	100.0%

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

The mission of Mayo High School for Math, Science & Technology is to provide a challenging curriculum with high expectations in a safe, positive environment. Mayo has a continued goal to maintain high expectations for all. Students and faculty 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. The following list includes just a few of our various accomplishments and awards:

Our school was ranked among the top 5% of high schools in the nation according to US News & World Report, receiving the America's Best High Schools Silver Award.

Our school ranked #5 in the state with overall SAT scores.

Our school ranked #1 in the state with graduation rate and report card ratings.

Our school received another Palmetto Gold Flag for maintaining AYP.

Our school had the highest graduation rate and overall report card score in the state.

Class of 2012 was offered more than \$2.4 million in scholarships.

Ninety-seven percent of the Class of 2012 plan to attend postsecondary institutions.

The Beta Club received 1st place in the banner competition at the state convention and a Mayo student is the State Beta Club Vice-President for the 2012-2013 school year.

Our school-wide collaborative Butterfly Project, in memory of Holocaust victims, was funded by the Darlington County Education Foundation.

The community HOPE Garden was funded by Lowe's of Florence.

HSAP review week was held to help prepare the sophomores for the HSAP test and 100% of the Class of 2013 passed HSAP on the first try.

Math and English teachers provided PSAT strategies for all 9th-11th graders to ensure their success on the PSAT/SAT.

The school had PSAT gains schoolwide.

The Junior-Senior Thesis students placed at the Francis Marion University Sandhill Regional Science Fair.

Forty-two internship students were placed in career learning opportunities.

Mu Alpha Theta Math Honor Society held math tutoring labs each week to provide math assistance.

Mayo's Student Council won the district fundraising competition Breast Cancer Awareness for the Susan G Komen Foundation.

We hosted our first Mayo Alumni Career Fair.

SPC Credit Union Reality Fair was held for seniors.

Mayo's student body president brought the Life Choices Assembly Program to our school.

Biology I and Algebra I classes had 100% passing on the End of Course exam.

The Annual Novel Tea Book talk was a success with parent and community involvement.

The workshop, "Chart Your Course" Supper, was provided again for 9th and 10th graders and their parents to help with academic planning and success.

This was the inaugural year for the new "Phoenix Phame" Show Choir.

For the first time, Mayo sponsored a booth at Relay for Life and raised over \$1500.

Arlene B. Johnson, Principal

Cindy Woodlee, SIC Chairperson

Evaluations by Teachers, Students and Parents

	Teachers	Students*	Parents*
Number of surveys returned	13	73	36
Percent satisfied with learning environment	91.7%	91.7%	94.4%
Percent satisfied with social and physical environment	92.3%	89.0%	91.7%
Percent satisfied with school-home relations	100.0%	94.5%	94.4%

* 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.

Overall Weighted Points Total	100.0
Overall Grade Conversion	A

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

Mayo High School for Math, Science & Technology 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

	Our District	State
Classes in low poverty schools not taught by highly qualified teachers	0.0%	2.6%
Classes in high poverty schools not taught by highly qualified teachers	0.0%	5.1%

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

Abbreviations for Missing Data

Performance By Group

Subgroups	ELA Mean	Math Mean	Science Mean	Social Studies Mean	ELA % Tested	Math % Tested	Graduation Rate
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Grades 9-12

All Students	245	253	89	72	100.0	100.0	100.0
Male	246	258	90	N/A	100.0	100.0	100.0
Female	245	248	89	71	100.0	100.0	100.0
White	248	257	91	72	100.0	100.0	100.0
African American	243	248	87	N/A	100.0	100.0	100.0
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	241	248	86	N/A	100.0	100.0	100.0
Annual Measurable Objective (AMO)	223	220	76	71	95.0	95	73.1

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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*
English/Language Arts								
All Students	2011	97	100.0	N/A	8.2	27.8	63.9	93.8
	2012	84	100.0	N/A	8.3	51.2	40.5	98.8
Mathematics								
All Students	2011	97	100.0	N/A	10.3	36.1	53.6	95.9
	2012	84	100.0	1.2	8.3	39.3	51.2	95.2

Abbreviations for Missing Data