



Mayo High School for Math, Science & Technology

405 Chestnut Street
Darlington, SC 29532

Grades	9-12 High School	
Enrollment	364 Students	
Principal	Arlene B. Johnson	843-398-2650
Superintendent	Dr. Rainey H. Knight	843-398-5100
Board Chair	Warren Jeffords	843-326-5970

THE STATE OF SOUTH CAROLINA 2013 ANNUAL SCHOOL REPORT CARD

RATINGS OVER 5-YEAR PERIOD

YEAR	ABSOLUTE RATING	GROWTH RATING
2013	Excellent	Excellent
2012	Excellent	Excellent
2011	Excellent	Excellent
2010	Excellent	Excellent
2009	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
28	4	0	0	2

* Ratings are calculated with data available by 12/14/2013.

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

Percent	Our High School			High Schools with Students Like Ours		
	2011	2012	2013	2011	2012	2013
Passed 2 subtests (%)	100.0%	98.8%	100.0%	85.4%	84.4%	85.1%
Passed 1 subtest (%)	N/A	1.2%	N/A	9.3%	10.1%	10.2%
Passed no subtests (%)	N/A	N/A	N/A	6.1%	6.2%	5.2%

HSAP Passage Rate by Spring 2013

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	
	2012*	2013	2012	2013
Number of Students in Four-Year Cohort	79	94	356	347
Number of Graduates in Cohort	79	94	283	268
Rate	100.0%	100.0%	79.3%	77.3%

*Used to calculate current ESEA/Federal Accountability Grade.

Five-Year Graduation Rate

	Our High School		High Schools with Students Like Ours	
	2012	2013	2012	2013
Number of Students in Cohort	81	79	364	342
Number of Graduates in Cohort	81	79	289	270
Rate	100.0%	100.0%	78.8%	79.9%

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	95.7%	77.8%
English 1	90.5%	76.4%
Biology 1/Applied Biology 2	96.8%	81.8%
US History and the Constitution	76.3%	65.4%
All Tests	85.2%	75.1%

* 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=364)				
Retention rate	0.0%	No Change	2.7%	2.9%
Attendance rate	96.4%	Up from 96.3%	95.1%	95.1%
Served by gifted and talented program	43.8%	N/A	23.4%	17.5%
With disabilities	0.8%	N/A	10.9%	11.9%
Older than usual for grade	0.0%	N/A	6.3%	7.9%
Out-of-school suspensions or expulsions for violent and/or criminal offenses	0.0%	No Change	1.2%	1.1%
Enrolled in AP/IB programs	23.6%	Up from 16.7%	22.0%	15.1%
Successful on AP/IB exams	52.0%	Up from 51.3%	55.0%	51.5%
Eligible for LIFE Scholarship	42.6%	Up from 40.5%	34.0%	30.6%
Annual dropout rate	0.0%	No Change	2.6%	2.3%
Career/technology students in co-curricular organizations	45.7%	Up from 8.5%	8.4%	7.2%
Enrollment in career/technology courses	70	Down from 112	731	418
Students participating in work-based experiences	100.0%	Up from 39.4%	15.7%	14.6%
Career/technology students attaining technical skills	95.7%	Up from 95.5%	85.2%	84.8%
Career/technology completers placed	N/A	N/A	98.7%	98.3%
Teachers (n=19)				
Teachers with advanced degrees	84.2%	Down from 88.9%	66.7%	63.4%
Continuing contract teachers	94.7%	Up from 94.4%	81.9%	78.8%
Teachers returning from previous year	88.4%	Up from 86.3%	88.0%	86.2%
Teacher attendance rate	92.9%	Down from 96.2%	94.8%	95.2%
Average teacher salary*	\$50,431	Up 2.5%	\$50,212	\$48,699
Professional development days/teacher	15.3 days	Up from 13.7 days	11.7 days	9.9 days
School				
Principal's years at school	13.0	Up from 12.0	4.0	3.0
Student-teacher ratio in core subjects	25.9 to 1	Up from 25.6 to 1	28.1 to 1	26.9 to 1
Prime instructional time	87.3%	Down from 91.9%	88.6%	89.0%
Dollars spent per pupil**	\$7,422	Down 1.0%	\$7,137	\$7,919
Percent of expenditures for teacher salaries**	52.0%	Down from 53.0%	60.0%	57.0%
Percent of expenditures for instruction**	54.0%	Down from 54.9%	62.0%	60.0%
Opportunities in the arts	Good	Down from Excellent	Excellent	Excellent
SACS accreditation	Yes	No Change	Yes	Yes
Parents attending conferences	100.0%	No Change	97.1%	97.7%
Character development program	Good	No Change	Good	Good
Modern language program assessment	N/A	N/A	N/A	11.0
Classical language program assessment	N/A	N/A	N/A	15.0

* 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 2013		End of Course Tests Passage Rate		On-time Graduation Rate, 2013	
	n	%	t	%	n	%
All Students	92	100.0%	155	85.2%	94	100.0%
Gender						
Male	31	100.0%	66	92.4%	33	100.0%
Female	61	100.0%	89	79.8%	61	100.0%
Racial/Ethnic Group						
White	45	100.0%	69	87.0%	45	100.0%
African American	46	100.0%	83	83.1%	48	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	39	100.0%	69	81.2%	42	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 achieve excellence through a challenging curriculum with high expectations in a safe, positive environment to develop future leaders. 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 nominated as a National Blue Ribbon School.

Our school remained 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 was ranked by Newsweek as one of America's Top High Schools.

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

Our school received another Palmetto Gold Flag for maintaining AYP.

Class of 2013 was offered more than \$3.9 million in scholarships.

Ninety-nine percent of the Class of 2013 will attend postsecondary institutions.

A Mayo student was the State Beta Club Vice-President.

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

One on One Learning provided SAT and ACT workshops for our juniors and seniors.

The school had PSAT gains school wide.

The Junior-Senior Thesis students placed second 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.

We hosted our second successful Mayo Alumni Career Fair.

SPC Credit Union Realty Fair was held for seniors.

Two teachers received classroom grants.

Donations were received from Georgia Pacific and Pee Dee Electric for school improvements.

A Mayo student was named National Merit Scholar.

Our school had several Winners at FBLA Convention.

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

"Phoenix Phame" Show Choir performed at the SC School Board Association Convention.

Arlene B. Johnson, Principal

Renee Perritt, SIC chairperson

Evaluations by Teachers, Students and Parents

	Teachers	Students*	Parents*
Number of surveys returned	19	75	25
Percent satisfied with learning environment	89.5%	82.7%	96%
Percent satisfied with social and physical environment	94.7%	81.1%	100%
Percent satisfied with school-home relations	100%	92%	91.6%

* 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 2013, 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	95.8
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%	2.3%
Classes in high poverty schools not taught by highly qualified teachers	3.5%	4.9%

	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
Grades 9-12							
All Students	252.8	253.4	96.4	71.1	100.0	100.0	100.0
Male	252.7	258.1	97.0	73.7	100.0	100.0	100.0
Female	252.9	250.0	95.9	69.7	100.0	100.0	100.0
White	257.3	260.5	97.7	72.3	100.0	100.0	100.0
African American	247.0	244.0	93.9	69.9	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	249.0	248.0	94.9	69.8	100.0	100.0	100.0
Annual Measurable Objective (AMO)	226	223	77	73	95.0	95	74.1

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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	2012	84	100.0	N/A	8.3	51.2	40.5	91.7
	2013	92	100.0	N/A	3.3	26.1	70.7	96.7
Mathematics								
All Students	2012	84	100.0	1.2	8.3	39.3	51.2	90.5
	2013	92	100.0	N/A	8.7	27.2	64.1	91.3

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