

School Grade Action Plan 2018-2019



SARASOTA MILITARY ACADEMY

Sarasota Military Academy School Grade Action Plan 2018-2019

Sarasota Military Academy received its first school grade as a combined charter for the 2017-2018 academic year. The combined middle and high school programs resulted in a "B" grade with a total of 650 points in 11 components. This calculated to be a 59%, slightly under an "A" grade by 3% and a 5% increase from the 2017-18 school grade when both program levels received a "C". A detailed breakout of state assessment history for both campuses is included on page two. Using the Sarasota School District's dashboard tool, this summary data also drills down by grade level to assist with school improvement planning. The green shaded areas represent combined scores used to calculate this year's school grade. The yellow shaded areas are averages of each campus's scores in previous years to provide a projected trend as a combined school.

A review of our data indicates that our greatest area of need falls within the English Language Arts components. Although the combined scores indicate 43% student proficiency, a breakdown by grade level shows only 29% proficiency for growth at the high school level for students in the lowest quartile. This is also the lowest ELA component at the middle school level at 51% despite an 11 point gain from the previous year. Additional areas of concern include the "Acceleration" components for both campuses. The middle school acceleration component focuses on math and requires "tracking" students into higher level courses in order to increase enrollment in high school level math courses by 8th grade. The plan developed last year has shown success with a 13% increase in this component from the previous year. The high school's college and career acceleration component is also identified as an area needing improvement with a repeating score of 34% for the past two years. The leadership team has implemented a plan to ensure student readiness for rigorous courses through the expansion of preparation courses in ninth and tenth grades.

The Academy continues to show strength in its Social Studies Achievement components at both the high school and middle school levels. Transitioning the Civics course two years ago from 7th to 8th grade resulted in a skipped EOC assessment for Civics in 2017. However, there is a 5-point increase when comparing scores from the 2018 data with 2016. The high school U.S. History EOC assessment scores have demonstrated consistent proficiency at 75% for the last two years. Success in this area is attributed to the highly engaging learning and collaboration across the curriculum and reinforcement through JROTC and military studies. Additionally, the middle school has incorporated a program, The Inspire Project, developed by teacher-of-the-year, Dr. Todd Brown, to provide students with opportunities to interact with celebrities and leaders in various fields who share how they have applied their learning strategies to create real-world success.

Finally, the school takes advantage of diversity through its language acquisition curriculum and overall International Baccalaureate Programmes which provide for collaborative interdisciplinary units and global contexts to develop shared understanding of our world. This pedagogy also includes larger concepts for students to explore issues within and across disciplines. Supporting the development of social, thinking, research, communication, and self-management skills for all learners, teachers use approaches to teaching and learning to explicitly teach the skills needed for students to apply knowledge in new contexts. Understanding the diversity of our students provides teachers with a rich cultural setting to integrate these strategies and provide a more holistic and engaging learning experience.

Component	2015	2016	2017	2018	Diff
ELA Achievement (6-8)	63	60	60	65	5
ELA Achievement (9-12)	63	59	56	47	-9
ELA Achievement Combined	63	60	58	57	-1
ELA Learning Gains (6-8)	N/A	51	52	61	9
ELA Learning Gains (9-12)	N/A	51	53	42	-11
ELA Learning Gains Combined	N/A	51	53	54	1
ELA Learning Gains - Lowest 25% (6-8)	N/A	41	40	51	11
ELA Learning Gains - Lowest 25% (9-12)	N/A	38	52	29	-23
ELA Learning Gains - Lowest 25% Combined	N/A	40	46	43	-3
Math Achievement (6-8)	64	71	67	73	6
Math Achievement (9-12)	46	43	42	53	11
Math Achievement Combined	55	57	55	66	11
Mathematics Learning Gains (6-8)	N/A	68	57	65	8
Mathematics Learning Gains (9-12)	N/A	27	30	44	14
Mathematics Learning Gains Combined	N/A	48	44	58	14
Mathematics Learning Gains - Lowest 25% (6-8)	N/A	65	50	65	15
Mathematics Learning Gains - Lowest 25% (9-12)	N/A	30	29	41	12
Mathematics Learning Gains - Lowest 25% Combined	N/A	48	40	50	10
Science Achievement (6-8)	57	51	57	55	-2
Science Achievement (9-12)	80	65	60	63	3
Science Achievement Combined	69	58	59	60	1
Social Studies Achievement (6-8)	78	77	N/A	82	5
Social Studies Achievement (9-12)	77	73	75	75	0
Social Student Achievement Combined	78	75	75	78	3
Middle School Acceleration	34	42	40	53	13
Graduation Rate (Previous Year)	94	94	94	97	3
College & Career Acceleration (Previous Year)	35	47	34	34	0
TOTAL Combined Points:	--	--	598	650	52
TOTAL Percent:			54%	59%	
GRADE Combined:	--	--	C	B	
TOTAL Points (6-8)	296	526	423	570	70
TOTAL % (6-8)	59%	58%	53%	63%	
GRADE (6-8)	B	B	C	A	
TOTAL Points (9-12)	395	527	525	525	0
TOTAL % (9-12)	66%	53%	53%	53%	
GRADE (9-12)	A	C	C	C	

English Language Arts

By the year 2019, SMA has a goal of raising English Language Arts achievement by a minimum of a 5% increase for all students when less than 70% are currently demonstrating: a) proficiency (levels 3, 4 & 5) and b) an annual learning gain on the FSA ELA Assessment. There will also be a minimum of 5% point increase in the number of students demonstrating a learning gain in the lowest quartile.

Component	2018 % RCVD	2019 % GOAL
ELA Achievement	57	62
ELA Learning Gains	54	59
ELA Learning Gains Lowest 25%	43	48

Primary Focus: The overall component for the ELA lowest 25% learning gains decreased from 46% to 43% revealing a negative growth. Our intended outcome is to improve the ELA lowest 25% Learning Gains by 5% yearly until District/State goals are achieved.

Action Step: Implementation will include curricular alignment from Intensive Language Arts (ILA) and the Florida State ELA standards, coaching/modeling/feedback through PODs to implement MTSS strategies in the ILA classroom, and benchmark and progress monitoring through iReady and USATestPrep.

Mathematics

By the year 2019, SMA has a goal of raising mathematics achievement by a minimum of a 4% point increase for all students when less than 70% are currently demonstrating: a) proficiency (levels 3, 4 & 5) and b) an annual learning gain on the FSA Mathematics Assessment. There will also be a minimum of 4% point increase in the number of students demonstrating a learning gain in the lowest quartile.

Component	2018 % RCVD	2019 % GOAL
Overall Math Achievement	66	70
Overall Math Learning Gains	58	62
Overall Math Learning Gains Lowest 25%	50	54

Primary Focus: Our math achievement is below the district average in Algebra EOC, Geometry EOC, and 6th and 7th grade FSA scores. Our intended outcome for math:

- Raise the Algebra EOC 4% from 60% to 64%,
- Raise the Geometry EOC 4% from 59% to 63%
- Raise the 6th-grade FSA 4% from 64% to 68%
- Raise 7th-grade FSA 4% from 72% to 76%.

Action Step: Implementation of professional development and curriculum development vertically aligning from 6th grade through High School Algebra and Geometry to the Florida state math standards, coaching/modeling/feedback through PODs to implement MTSS strategies in the classroom, and use benchmark and progress monitoring through iReady and USATestPrep.

Middle School Acceleration

By the year 2019, SMA Prep's goal is to raise the Middle School Acceleration component by a minimum of 10%. In order to increase points in this area, the number of "eligible" students must be enrolled in accelerated classes such as Algebra 1 and Geometry, and then pass the End-of-Course exam with a level 3 or higher. SMA Prep had a 100% passing rate for participants in accelerated classes in 2017-18 and surpassed 10% goal increase by an additional 3%, raising the total to 53%. Using this same strategy, the SCSD dashboard indicates a potential 68% score for this component assuming 100% passing rate and no changes in enrollment.

Component	2017% RCVD	2018 % RCVD	2019 % GOAL
MS Acceleration	40	53	63

Predicted Categories	2018	2019	2020	2021
Algebra I (7th grade)	17	22	25	25
Algebra I (8th grade)	47	62	80	80
Geometry	8	18	25	25
Eligible 8th Grade Students	120	126	135	135
Accelerated Score	53%	63% (goal) 68% (est)	75%	80%
6th Grade Advanced Math	66	89	110	110
7th Grade Advanced Math	45	77	90	90

College and Career Acceleration

By the year 2019, SMA's goal is to raise the Collage and Career Acceleration component by a minimum of 5% points from 34% to 39%. In order to increase points in this area, we will increase cadet readiness for rigorous college preparation courses such as Honors, Advanced Placement and International Baccalaureate. This includes increased course requirements such as Pre-IB Inquiry Skills and Environmental Science for 9th grade, Applied Communications for 10th-11th grade students on self-proclaimed career track, career acceleration courses offering certifications in Technology and Physical Education, and highly rigorous course offerings expanding AP and IB to include AP World Languages and IB Marine Biology.

Component	2017% RCVD	2018 % RCVD	2019 % GOAL
College and Career Acceleration	34	34	39%

Science

By the year 2019, SMA has a goal of raising science achievement at the 8th grade level by a minimum of a 4% point increase from 55% demonstrating proficiency (levels 3, 4 & 5) to 59%. Three new teachers have been hired over a 1 ½ year period and are working closely with a new department chair to build student engagement and collaboration.

Achievement Gap

Our goal is to focus on learning gains and the growth of each learner through progress monitoring, formative assessments, growth mindset, and helping students understand their learning process. The ESOL student population has increased from 20% in 2017 to 26% in 2019 on the middle school campus. This trend is reflected at the high school as well with an ELL student population of 15% in 2017 increasing to 22% in 2019.

	ELA Achievement	ELA Learning Gains	ELA Learning Gains of the Lowest 25%	MATH Achievement	MATH Learning Gains	MATH of the Lowest 25%	Science Achievement	Social Studies Achievement
6-8 White	74	66	53	80	70	59	63	88
6-8 Hispanic	50	56	57	59	58	52	35	67
Achievement Gap	24	10	-4	21	12	7	28	21
9-12 White	58	45	32	65	52	52	73	78
9-12 Hispanic	30	39	30	34	32	22	46	66
Achievement Gap	28	6	2	31	20	30	27	12
	ELA Achievement	ELA Learning Gains	ELA Learning Gains of the Lowest 25%	MATH Achievement	MATH Learning Gains	MATH of the Lowest 25%	Science Achievement	Social Studies Achievement
6-8 Non-ELL	68	62	51	76	67	54	56	83
6-8 ELL	16	53	56	27	50	62	0	0
Achievement Gap	52	9	-5	49	17	-8	56	83
9-12 Non-ELL	50	43	30	57	46	40	65	74
9-12 ELL	7	30	25	12	27	45	36	0
Achievement Gap	43	13	5	45	19	-5	29	74

Summary

The plan for the 2018-19 school year is to continue developing our Academy's culture of learning by providing a safe and engaging school environment that supports strong values, relationships, and diversity. Using this as the foundation for our school improvement planning, our goal is to raise our school grade from a "B" to an "A". An additional 27 points are needed to meet the minimal 62% to achieve an "A". Meeting our goals for each of the components outlined in the plan would result in an additional 46 points, well over our minimum point requirement.

- Three ELA components – 15 points
- Three math components – 12 points
- Middle school acceleration – 10 points
- College and career acceleration – 5 points
- Sciences – 4 points

Achieving our goal of becoming an "A" school can be accomplished through the strategies outlined in this school grade action plan. Additionally, our Academy is focused on addressing the achievement gap noted with our growing population of ELL students. We see opportunities to address this challenge by modeling inclusion and supporting our teachers' efforts to promote cultural activities and awareness in their classroom and throughout our school community. Through our Academy's International Baccalaureate Programmes, we will continue to develop practices that align with the global contexts included with each lesson and create interdisciplinary units to help our students connect and apply learning. By supporting a vision that honors the diversity of all learners and promotes authentic learning experiences, we will continue to raise student achievement and develop a school community that is built on a foundation of equity and respect.

Implementation and Impact of 2017-2018 School Grade Action Plan

SMA Prep Goals and Action Plan

Mathematics:

By the year 2018, SMA Prep has a goal of raising mathematics achievement by a minimum of a 4% point increase for all students when less than 70% are currently demonstrating: a) proficiency (levels 3, 4 & 5) and b) an annual learning gain on the FSA Mathematics Assessment. There will also be a minimum of 4% point increase in the number of students demonstrating a learning gain in the lowest quartile.

Component	2018 % GOAL	2018 % ACTUAL
Math Achievement	71	73
Math Learning Gains	61	65
Math Learning Gains Lowest 25%	54	65

English Language Arts:

By the year 2018, SMA Prep has a goal of raising English Language Arts achievement by a minimum of a 4% point increase for all students when less than 70% are currently demonstrating: a) proficiency (levels 3, 4 & 5) and b) an annual learning gain on the FSA ELA Assessment. There will also be a minimum of 4% point increase in the number of students demonstrating a learning gain in the lowest quartile.

Component	2018 % GOAL	2018 % ACTUAL
ELA Achievement	64	65
ELA Learning Gains	56	61
ELA Learning Gains Lowest 25%	44	51

Middle School Acceleration

By the year 2018, SMA Prep's goal is to raise the Middle School Acceleration component by a minimum of 10% points. In order to increase points in this area, the number of "eligible" students must be enrolled in accelerated classes such as Algebra 1 and Geometry, and then pass the End-of-Course exam with a level 3 or higher. Although SMA Prep had a 100% passing rate for participants in accelerated classes in 2016-17, there were a lower number of "eligible" students enrolled in those courses.

Component	2018 % GOAL	2018 % ACTUAL
MS Acceleration	50	53

SMA High School Goals and Action Plan

Sarasota Military Academy High School received a “C” grade with 525 points out of 1,000 in the 2016-17 school year. This calculated to be 53% of total points earned which was 1% away from a “B” grade. A review of our data indicates that two areas contributed greatly to the school grade. The first is the college and career acceleration component decreased significantly by 17 points. In order to show improvement in this area, an increase in enrollment for advanced courses is necessary in addition to earning a “passing” score as well as appropriate placement of students in classes. Science is the second component which decreased by 5 points. There is a renewed focus on team planning and professional development in this area. Our state assessments have shown a decline in our math components with a 30% in overall learning gains and only 29% in gains for the lowest quartile. Reorganization of math progression has taken place as well as implementation of USA Test Prep Software and tutoring with the National Honor Society.

Component	2018 % GOAL	2018 % ACTUAL
ELA Achievement	61	47
ELA Learning Gains	57	42
ELA Learning Gains Lowest 25%	56	29

Component	2018 % GOAL	2018 % ACTUAL
Math Achievement	50	53
Math Learning Gains	35	44
Math Learning Gains Lowest 25%	35	41

Component	2018 % GOAL	2018 % ACTUAL
Science	65	63

Component	2018 % GOAL	2018 % ACTUAL
Acceleration	47	34