

**AASA Goal 1 and Associated Strategies**

<p><b>AASA Goal 1:</b></p> <p><b>Supports SBE Goal:</b></p> <p><b>Supports OCS Goal:</b></p> <p><b>Supports NHS Goal:</b></p> <p>AdvancED Standard 1:</p> <p>AdvancED Standard 3:</p> <p>AdvancED Standard 4:</p> <p>AdvancED Standard 5:</p>	<p><b>Every student in the Advance Applied STEM Academy at Northside High School will be provided a personalized education, with relevant and rigorous curriculum, and will graduate globally competitive, prepared for work, further education and citizenship.</b></p> <p>Goal 1 – North Carolina public schools will produce globally competitive students.</p> <p>Onslow County students will be globally competitive through the mastery of a relevant and rigorous curriculum.</p> <p>Northside High School students will be globally competitive through the mastery of a relevant and rigorous curriculum.</p> <p>Purpose and Direction</p> <p>Teaching and Assessing for Learning</p> <p>Resources and Support Systems</p> <p>Using Results for Continuous Improvement</p>
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<p><b>Target:</b></p> <p><b>Indicator(s):</b></p>	<p>AASA will increase student achievement, growth and proficiency in all areas of the curriculum.</p> <p>EOC Composite Score, Cohort Graduation Rate, AP Participation, VoCATS Performance Composite, AP Exam participation, District CTE state assessment performance composite, Common Exam/NC Final Exam EVAAS growth, ACT WorkKeys composite, ACT composite, Percentage of graduates meeting math rigor, Percentage of graduates completing the graduation project, Post-Graduate School/Training.</p>
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**Goal 1 Improvement Strategies – Identify research-based strategies whenever possible.**

<b>Indicator(s) 1:</b>	<b>Co-hort graduation rate will exhibit an increase each academic year, 2015-2018.</b>
	<b>Strategy:</b> All AASA students will participate in a co-hort style, college and career ready small learning community.
	<b>Research Cited:</b> <a href="http://www.promisingpractices.net/resources_highschoolgrad.asp">http://www.promisingpractices.net/resources_highschoolgrad.asp</a> ; See Sylvan Strategies; <a href="http://www.ncpublicschools.org/docs/curriculum/scholars/endorsement-require.pdf">http://www.ncpublicschools.org/docs/curriculum/scholars/endorsement-require.pdf</a> .
	<b>Benchmarks:</b>
	2014-15: 88% of the AASA (4-year) co-hort seniors will graduate, completing all required STEM cluster courses and earning CTE STEM Career HS Diploma Endorsement.
	2015-16: 90% of the AASA (4-year) co-hort seniors will graduate, completing all required STEM cluster courses and earning CTE STEM Career HS Diploma Endorsement.
2016-17: 92% of the AASA (4-year) co-hort seniors will graduate, completing all required STEM cluster courses and earning CTE STEM Career HS Diploma Endorsement.	
2017-18: 94% of the AASA (4-year) co-hort seniors will graduate, completing all required STEM cluster courses and earning CTE STEM Career HS Diploma Endorsement.	

<b>Indicator(s) 2:</b>	<b>9th grade co-hort students will demonstrate an increase in proficiency by obtaining a 4 or a 5 as measured by the MATH I EOC test results.</b>
	<b>Strategy:</b> Power Hour - One hour each day will be provided for Biology, Math I and Eng II students to receive tutoring during the school day.
	<b>Research Cited:</b> Differentiated Instruction; <a href="http://www.creativitypost.com/education/the_benefits_of_movement_in_schools">http://www.creativitypost.com/education/the_benefits_of_movement_in_schools</a> ; <a href="http://www.nea.org/tools/35542.htm">http://www.nea.org/tools/35542.htm</a> .
	<b>Benchmarks:</b>
	2014-15: 50% of the AASA students earn a minimum score of 4 on the MATH I EOC assessment.
	2015-16: 65% of the AASA students earn a minimum score of 4 on the MATH I EOC assessment.
<b>Indicator(s) 3:</b>	<b>10th grade co-hort students will demonstrate an increase in proficiency by obtaining a 4 or a 5 as measured by the ENG II EOC test results.</b>
	<b>Strategy:</b> Power Hour - One hour each day will be provided for Biology, Math I and Eng II students to receive tutoring during the school day. All 9th and 10th grade English teachers will participate utilize the ACHIEVE 3000 program.
	<b>Research Cited:</b> Differentiated Instruction; <a href="http://www.creativitypost.com/education/the_benefits_of_movement_in_schools">http://www.creativitypost.com/education/the_benefits_of_movement_in_schools</a> ; <a href="http://www.nea.org/tools/35542.htm">http://www.nea.org/tools/35542.htm</a> . Lexile Reading System- <a href="https://www.georgiastandards.org/resources/Documents/CaseStudy-LexileMeasuresHelpHighSchool.pdf">https://www.georgiastandards.org/resources/Documents/CaseStudy-LexileMeasuresHelpHighSchool.pdf</a> ; common core standards research.
	<b>Benchmarks:</b>
	2014-15: 50% of the AASA students earn a minimum score of 4 on the ENG II EOC assessment.
	2015-16: 65% of the AASA students earn a minimum score of 4 on the ENG II EOC assessment.
<b>Indicator(s) 4:</b>	<b>10th grade co-hort students will demonstrate an increase in proficiency by obtaining a 4 or a 5 as measured by the BIOLOGY EOC test results.</b>
	<b>Strategy:</b> Power Hour - One hour each day will be provided for Biology, Math I and Eng II students to receive tutoring during the school day.
	<b>Research Cited:</b> Differentiated Instruction; <a href="http://www.creativitypost.com/education/the_benefits_of_movement_in_schools">http://www.creativitypost.com/education/the_benefits_of_movement_in_schools</a> ; <a href="http://www.nea.org/tools/35542.htm">http://www.nea.org/tools/35542.htm</a> .
	<b>Benchmarks:</b>
	2014-15: 50% of the AASA students earn a minimum score of 4 on the BIOLOGY EOC assessment.
	2015-16: 65% of the AASA students earn a minimum score of 4 on the BIOLOGY EOC assessment.

<b>Plan/Do</b>	<b>Indicator(s) 5:</b>	<b>AASA students will take and score at least a 3 on all Advanced Placement Exams as measured by the number of students enrolled, those electing to take the AP exam, and the AP Exam score.</b>
		<b>Strategy:</b> The majority of AP courses will be offered first semester to ensure as much time to complete the required curriculum. Students will be required to attend tutoring for the AP course they are taking no less than two days per week during Power Hour up until the test in May of each year. Saturday and/or after school review sessions will be offered twice per month beginning in February of each school year.
		<b>Research Cited:</b> Research Cited: Differentiated instruction; <a href="http://www.collegeview.com/articles/article/test-success-ap-strategies-that-work">http://www.collegeview.com/articles/article/test-success-ap-strategies-that-work</a> .
		<b>Benchmarks:</b>
		2014-15: 25% of AASA students enroll in an AP course; 60% (of the 25%) take the AP exam; 80% (of the 60%) pass the AP exam with at least a score of 3.
		2015-16: 30% of AASA students enroll in an AP course; 70% (of the 30%) take the AP exam; 85% (of the 70%) pass the AP exam with at least a score of 3.
	2016-17: 35% of AASA students enroll in an AP course; 75% (of the 35%) take the AP exam; 87% (of the 75%) pass the AP exam with at least a score of 3.	
	2017-18: 40% of AASA students enroll in an AP course; 80% (of the 40%) take the AP exam; 89% (of the 80%) pass the AP exam with at least a score of 3.	
	<b>Indicator(s) 6:</b>	<b>AASA students will earn at least a Silver or better as measured by the ACT/WorkKeys assessment.</b>
		<b>Strategy:</b> WIN Program - Each student who has met the CTE concentrator criteria, will receive intense remediation during the school day in order to prepare for the WorkKeys assessment using the WIN program. Mrs. Grosskopf will oversee the process to ensure all students are working diligently and to ensure the program is used with fidelity.
		<b>Research Cited:</b> WIN; <a href="http://www.winlearning.com/">http://www.winlearning.com/</a>
		<b>Benchmarks:</b>
		2014-15: 75% of the AASA students earn a minimum score of silver on the ACT/WorkKeys assessment.
		2015-16: 80% of the AASA students earn a minimum score of silver on the ACT/WorkKeys assessment.
2016-17: 85% of the AASA students earn a minimum score of silver on the ACT/WorkKeys assessment.		
2017-18: 90% of the AASA students earn a minimum score of silver on the ACT/WorkKeys assessment.		

<b>Indicator(s) 7:</b>	<b>AASA students will earn at least a 17 or better as measured by the ACT assessment.</b>
	<b>Strategy:</b> All 11th grade students will taken and ELA elective course prior to taking ENG III, to prepare students for ACT.
	<b>Research Cited:</b> <a href="http://www.promisingpractices.net/resources_highschoolgrad.asp">http://www.promisingpractices.net/resources_highschoolgrad.asp</a> ; See Sylvan Strategies.
	<b>Benchmarks:</b>
	2014-15: 55% of the AASA students earn a minimum score of 17; 30% will earn a minimum score of 21 on the ACT assessment.
2015-16: 56% of the AASA students earn a minimum score of 17; 31% will earn a minimum score of 21 on the ACT assessment.	
2016-17: 57% of the AASA students earn a minimum score of 17; 32% will earn a minimum score of 21 on the ACT assessment.	
2017-18: 58% of the AASA students earn a minimum score of 17; 33% will earn a minimum score of 21 on the ACT assessment.	
<b>Indicator(s) 8:</b>	<b>AASA students will complete all required pathway courses, participate in three years of career-based experiences and maintain active membership in an academy-themed organization.</b>
	<b>Strategy:</b> All AASA students will be surveyed to obtain his/her 4-letter type formula according to Carl Jung’s and Isabel Briggs Myers’ typology, along with the strengths of preferences and the description of your personality type; students will discover careers and occupations most suitable for his/her personality type along with examples of educational institutions where he/she can get a relevant degree or training. This information will assist in career-based experience placement.
	<b>Research Cited:</b> <a href="http://www.humanmetrics.com/cgi-win/jtypes2.asp">http://www.humanmetrics.com/cgi-win/jtypes2.asp</a>
	<b>Benchmarks:</b>
	2014-15: 75% of 9th/10th grade AASA students participate in field trips, guest speakers, job-shadowing; 25% of 11th/12th grade have a formalized internship; 40% maintain an active membership in an academy-themed organization.
2015-16: 80% of 9th/10th grade AASA students participate in field trips, guest speakers, job-shadowing; 30% of 11th/12th grade have a formalized internship; 50% maintain an active membership in an academy-themed organization.	
2016-17: 85% of 9th/10th grade AASA students participate in field trips, guest speakers, job-shadowing; 35% of 11th/12th grade have a formalized internship; 60% maintain an active membership in an academy-themed organization.	
2017-18: 90% of 9th/10th grade AASA students participate in field trips, guest speakers, job-shadowing; 40% of 11th/12th grade have a formalized internship; 70% maintain an active membership in an academy-themed organization.	

<b>Indicator(s) 9:</b>	<b>AASA graduates will apply and enroll in post-secondary learning institutions/opportunities.</b>
	<b>Strategy:</b> All 12th grade students will create CFNC accounts and take advantage of the FREE college application week provided by CFNC.
	<b>Research Cited:</b> <a href="http://www.promisingpractices.net/resources_highschoolgrad.asp">http://www.promisingpractices.net/resources_highschoolgrad.asp</a>
	<b>Benchmarks:</b>
	2014-15: 85% of AASA graduates will apply to a post-secondary learning opportunity; 45% of AASA graduates will enroll in a post-secondary learning opportunity (20% in 4-year college or university; 10% in 2-year community college; 10% in technical college; 5% in military).
2015-16: 88% of AASA graduates will apply to a post-secondary learning opportunity; 50% of AASA graduates will enroll in a post-secondary learning opportunity (21% in 4-year college or university; 12% in 2-year community college; 11% in technical college; 6% in military).	
2016-17: 90% of AASA graduates will apply to a post-secondary learning opportunity; 55% of AASA graduates will enroll in a post-secondary learning opportunity (22% in 4-year college or university; 14% in 2-year community college; 12% in technical college; 7% in military).	
2017-18: 92% of AASA graduates will apply to a post-secondary learning opportunity; 60% of AASA graduates will enroll in a post-secondary learning opportunity (24% in 4-year college or university; 15% in 2-year community college; 13% in technical college; 8% in military).	
<b>Check</b>	<b>Review frequency:</b> Quarterly
	<b>Assigned implementation team:</b>
	<b>What data will be used to determine whether the strategies were deployed with fidelity?</b>

<b>Act</b>	
	<b>Based upon identified results, should/how should strategies be changed?</b>