ACADEMY FOR THE ARTS, SCIENCE,AND TECHNOLOGY

April 2011

SCHOOL SUMMARY REPORT

Dear Parents,

The School Improvement Council for the Academy for the Arts, Science, and Technology presents this School Summary Report for 2009-10 to you and the members of the community who are interested in our school. If you have any questions about the information in this report or any of the Academy's programs, please call us at 903-8460.

Robin Jones, Principal

School Improvement Council

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Special points of interest:

- All AAST seniors presented a Senior Exhibition of Mastery representing their research, their product, and their process to a panel of teachers, parents, community/business members, and peers.
- All AAST juniors completed at least 20 hours of community service as a part of a Service Learning project.

High Schools That Work Assessment Results 2010

As a member of the Southern Regional Education Board's High Schools that Work network, the Academy is a part of a national assessment conducted every two years . The HSTW assessment, patterned after NAEP (the National Assessment of Educational Progress), tests our seniors in the areas of reading, mathematics, and science, The assessment also includes a student survey and a teacher survey which provides student and teacher opinions about the instructional programs of the school.

We would like to share with you some of our results of the 2010 Assessment as reported by the Educational Testing Service (ETS) in Princeton, NJ.

HSTW National Performance Goals

% of AAST students meeting the reading goal—**90%**

% of AAST students meeting the mathematics goal—**75%**

% of students meeting the science goal—**83%**

% of students who fully completed the HSTW recommended curriculum (includes 4 credits in college preparatory English; four credits of college preparatory math; 3 credits in laboratory– based science; 4 credits in a career field or major) **100%**

% of students who received the HSTW Award of Educational Achievement (includes completing the recommended curriculum AND scoring at or above the SREB's national goal in reading, math, and science) **68%** (compared to 19% national average)

HSTW Student Survey Results

Note: The national goals which are indicated in parentheses are the goals which schools should hope to achieve by the end of a 10 year period using the 2006 data as a baseline.

% of student responses on 8 indicators that suggest the school has an **intensive empahsis** on quality career/technical studies —**80%** (national goal is 60%)

% of student responses on 9 indicators that suggest that the school has an **intensive** emphasis on providing quality work-based learning experiences—**100%** (national goal is 65%)

% of student responses on 10 indicators that suggest that the school has **intensive** emphasis on literacy across the curriculum—**58%** (national goal is 60%)

% of student responses on 8 indicators that suggest that the school has **intensive** emphasis on numeracy across the curriculum—**60%** (national goal is 60%)

AAST AWARDS AND ACCOMPLISHMENTS 2009-10

The Academy for the Arts, Science, and Technology received the "Pacesetter Award" from HSTW in 2010. AAST was one of thirty schools nationwide that received this award recognizing academic achievement of students.

AAST was recognized by the State of South Carolina as a Gold Award Winner for 2009-10.

More to celebrate!

- All AAST students were pre– and post-tested in writing, using the SAT rubric as a standard. At the beginning of the year, 34% of the students scored in the upper range scores of 4,5, and 6. At the end of the year, **84% of students scored in the upper range scores**.
- 273 majors-based students turned in reading logs at the end of the year, with a total of 9,835 books/book equivalents reported as read by these students.
- All seniors in the Pre-medicine major took the National Health Care Skills Standards Test. **94% of AAST seniors passed** (29 out of 31); the national pass rate was 58%, and the state pass rate was 58%.
- Academy students won several awards in the first HCS Technology Fair. Digital Communications students took first place in Digital Photography and first and second place in Digital Video Production . Pre-engineering students won first place in Robotics, and Art students won first and second place in Digital Photography.
- Environmental Science students won a DHEC $2,000 Award to build and deploy artificial reefs, placing in the top 10 of 82 entries submitted.
- Five AAST Dance students qualified for the National Honor Society for Dance Arts, and four dancers won platinum awards at the 2010 Showstoppers Regional Competition.
- Two Education students received $24,000 Teaching Fellows Scholarships.
- Five Theatre students received Liz Layton Memorial Scholarships in the amount of $2500.
- Art students won multiple awards in and out of state, including Project Amazonas National Logo Contest, SC State Fair Juried Art Show, North Carolina Festival Art Show, and Horry-Georgetown HS Juried Art Show.
- The Connect program graduated 32 Seniors in its second graduating class .

The mission of the Academy for the Arts, Science, and Technology, a new kind of secondary school organized around career majors, is to ensure that our students are successfully prepared to enter their career choice or next level of education in pursuit of life goals through personalized, integrated, technologically-supported, mastery-based programs of study.

Realize the Possibilities!

Art	Digital Communications	Environmental Science	Theatre
Connect	Education	Pre-engineering	
Dance	Entertainment Technology	Pre-medicine	