

Annual Report to State Charter School Board and Utah Legislature 2006-07 SCHOOL YEAR DATA

QUESTIONS	ANSWERS
Full name of your charter school	Academy for Math, Engineering & Science
School website	www.ames-slc.org
School mascot	
PLEASE send one or two PHOTOS with this report. Email it/them to Jeannie.Rowland@schools.utah.gov	We also need a signed consent form from parents if students are in the photos. The consent form came with this survey. First preference is a photo with students, second preference is your school logo and last preference is a photo of your school. Please send something by noon on October 15, 2007 . Please submit a sentence with your photo so we know what to print under the picture.
2006-07 STATS	
Number of NON-certified teachers in 06-07 – FTEs	0
Number of staff in 06-07 (non-teacher) FTEs	22.8
Average class size in 06-07	20
Estimated total number of volunteer hours in 06-07 year	550
Mission: Write your school’s mission statement. If different from the mission in your original charter application. If the same, put “same as charter” in answer box.	Our specific mission is to prepare students for early college entrance by focusing on (1) Rigor–high expectations for all students; focused curriculum; engaged community; current technologies; (2) Relevance–instruction centered on problem and project-based learning; community-connected learning; creative choice; (3) Relationships–a culture conducive to parent involvement; a diverse student body where mutual respect and tolerance are celebrated; a staff that cultivates and encourages self-directed learning, self-assessment and self-esteem.
Goals/Progress: Describe how you are making progress toward your school’s goals as stated in your charter (no more than 1-2 sentences per goal).	<ol style="list-style-type: none"> 1. Increase number of traditionally under served high school students in early college high school rigorous curriculum; <ol style="list-style-type: none"> a. 78 of 82 AME Seniors (07) designated as State Scholars. b. 212 AMES students enrolled in one or more U of U classes. c. AMES students (grade 9-11) take AP classes in social studies; 2 additional electives (AP Psychology and AP Art History) also open access. 2. Increase AMES students’ exposure to multiple careers, esp. STEM areas. <ol style="list-style-type: none"> a. Required internship for AMES 11th graders. b. 10% of AMES students participate

	<p>in Science Fair.</p> <ul style="list-style-type: none"> c. Business partners (Micron, IM Flash) and higher ed. partner (U of U) provide guest speakers, field trips and internships. <p>3. Increase student support for academic success.</p> <ul style="list-style-type: none"> a. Title one funded staff and tutors, including Math Saturday School. b. Volunteer tutors from University of Utah LEAP program. c. Partnership with State Gear-Up Project (over 10% of AMES students)
<p>Learning Opportunities: Write a few sentences about the innovative learning opportunities at your school (e.g. academic programs and activities, integrated curriculum, etc.).</p>	<p>AMES is an Early College High School partnered with the University of Utah (UU). We offer nine sections of concurrent classes in college-level courses taught by UU instructors at AMES. We are a MESA school, eligible to participate in a rigorous math and science curriculum, targeting a diverse student body. We offer students small group, seminar, and problem-based instruction. Community-based internships are required for eleventh grade, as are AP Social Studies for ninth, tenth and eleventh grades. AMES participates in the SL Valley Intel Regional Science Fair, and offers student council, newspaper, yearbook, and other co-curricular clubs.</p>
<p>Accountability: Describe new forms of accountability and assessment of students, emphasizing the measurement of learning outcomes and/or the creation of new measurement tools.</p>	<p>AMES assesses progress several ways: (1) parent evaluation – parents attend classes for a day, then answer a survey based on their observations; (2) Senior Portfolio – this is a culmination of exemplary work done while at AMES; (3) concurrent enrollment – we track the number of students taking UU classes each term, cost to AMES, and tuition saved by students; (4) UPASS – staff performs regular data analysis on test scores and demographics; (5) AMES is also undergoing a full review by the Northwest Association of Accredited Schools; (6) AMES is also using data from the National Student Clearinghouse to measure college participation for AMES graduates.</p>
<p>Innovative Teaching: Describe any new public school models and/or innovative instructional methods at your school.</p>	<p>AMES offers college-level courses taught by UU instructors at AMES, differentiated instruction, special education inclusion, literacy (writing across the curriculum), homeroom advisory program, curriculum articulation, problem-based learning, senior projects/portfolios, community-based internships, tutoring, and open access to AP courses.</p>
<p>Teachers' Involvement: Describe opportunities for</p>	<p>We have weekly faculty/staff meetings, and</p>

<p>teachers to actively participate in the design and implementation of the learning program.</p>	<p>weekly professional development for all staff members. AMES teachers also attend local, regional, and national professional development conferences.</p>
<p>Parents' Involvement: Describe how parents are involved in the governance of your school.</p>	<p>AMES has two elected PTSO representatives (of the seven board members) on its Board of Trustees; the AMES PTSO has parent and student memberships representing 50% of its families.</p>
<p>Impact: Provide information about the impact of your innovative practices on student achievement during the 06-07 year (include test scores, graduation rates, and other measured progress via grades or standards and objectives, etc.).</p>	<p>The Spring 2006 CRT tests indicated that AMES students surpass their peers across the state in Biology, Physics, Geometry, and Language Arts. We are about even or a little below in the core standards for Elementary Algebra, Earth Systems, and Chemistry. Please refer to #6 in accountability. Starting SY 07-08 AMES boasts a demographic profile representing 46% ethnic minority students; 43% economically disadvantaged.</p>
<p>Successes: Give examples of successes from the 06-07 school year – no more than five or six sentences. Please include student and teacher achievements and honors, quotes from parents and students, and a success story if you have room.</p>	<p>Our second graduating class had 82 students; all passed UBSCT. Seniors have scholarships, grants, and financial aid totaling over 1 million dollars, including another prestigious Gates Millennium Scholarship. AMES seniors earned 1,337 credit hours in U of U courses taught at AMES. AMES students placed in the top three at the regional Intel ISEF Grand Championship, with two students attending the International Fair in New Mexico. Seniors will be attending U of U Honors College, MIT, Brown and Purdue as well as SLCC, ATC and ITT.</p>