

Advanced Technologies Academy

Clark County School District

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Grade Levels: 9-12

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2007-2008 School Accountability Summary Report

For more information visit www.nevadareportcard.com

Mission Statement

The mission of Advanced Technologies Academy (A-TECH) is to empower a diverse student body by teaching academic concepts and technological skills and by instilling in students the importance of effective, responsible application of their knowledge to succeed in a highly competitive, technologically changing world.

Principal's Highlights

The Nevada Board of Education awarded A-Tech a "High Achieving" designation for meeting Annual Yearly Progress.

- The Magnet Schools of America recognized A-Tech as a School of Distinction for its commitment to academics.
- College Board recognized A-Tech for its student success rates in AP math, science, and technology courses in Nevada.
- Siemens Foundation recognized A-Tech as the top performing high school in Nevada for AP math and science courses.
- Four A-Tech seniors received National Merit Scholar Finalist designation.
- Seventy-four percent of students tested on the Advanced Placement exams passed with a score of 3, 4, or 5.
- Key Club received "Club of the Year" based on membership, attrition, service hours, and number of service projects.
- A-Tech statistics students swept first, second, and third in the 2008 Nevada K-12 Statistics Poster Competition.

Goals and Objectives

Goal 1

Tenth-grade students at A-Tech will demonstrate increased achievement in math on the 2008 NHSPE.

Objective(s):

Increased achievement in math in Black, Low SES, and Asian-Pacific Islander students will be measured by a 2% increase in Numbers and Operations and Problem Solving.

Goal 2

Tenth-grade students at A-Tech will demonstrate increased achievement in reading on the 2008 NHSPE.

Objective(s):

Increased achievement in reading will be measured by all sub-groups scoring 70% in all content strands and cognitive levels.

Demographics and Student Information

Demographic profiles are reported by gender, race/ethnicity, and special student populations as of count day. Student Average Daily Attendance (ADA) is the percentage of the school enrollment in attendance on an "average school day" as of the 100th day of school.

	Enrollment #		Enrollment %		Avg Daily Attendance		
	School	District	School	District	School	District	State
Total Students	997	308,554	100.0 %	100.0 %	97.4 %	94.2 %	94.2 %
Male	581	159,011	58.3 %	51.5 %	*	*	*
Female	416	149,543	41.7 %	48.5 %	*	*	*
American Indian/Alaskan Native	-	2,417	-	0.8 %	-	92.8 %	93.0 %
Asian/Pacific Islander	205	28,584	20.6 %	9.3 %	98.4 %	96.0 %	96.0 %
Hispanic	218	123,147	21.9 %	39.9 %	97.3 %	94.2 %	94.2 %
Black/African American	94	43,022	9.4 %	13.9 %	97.5 %	92.8 %	92.9 %
White	476	111,384	47.7 %	36.1 %	96.9 %	93.9 %	94.1 %
IEP	14	31,888	1.4 %	10.3 %	97.0 %	92.4 %	92.5 %
LEP	-	60,593	-	19.6 %	-	94.9 %	94.9 %
FRL	202	131,272	20.3 %	42.5 %	97.6 %	93.2 %	93.4 %
Migrant	N/A	N/A	N/A	N/A	*	*	*

IEP = Students with Disabilities
 LEP = Students with Limited English Proficiency
 FRL = Students qualifying for Free/Reduced Lunch

^ indicates data not presented for groups fewer than 10.
 'N/A' indicates a population of zero.
 '**' indicates data are not available.

Transiency, Truancy, and Discipline

	School	District
Transiency Rate	2.8 %	34.7 %
Habitual Truancy - # of Incidents	0	2,117
Discipline - # of Incidents Resulting in Suspension/Expulsion for:		
Violence to Other Students	2	6,019
Violence to Staff	1	126
Possession of Weapon	2	501
Distribution of Controlled Substance	0	82
Possession/Use of Controlled Substance	2	820
Possession/Use of Alcohol	0	163
Habitual Disciplinary Expulsions	0	13

Incidents are reported at the school where the action occurred.
 Data reported as of the end of the school year.

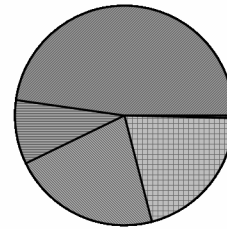
Credit Deficiency

Grade	School #	School %	District #	District %
9	0	0.0 %	5,324	18.4 %
10	0	0.0 %	3,457	14.3 %
11	0	0.0 %	631	3.6 %
12	0	0.0 %	292	1.9 %

Data reported as of count day.

Student Ethnicity

Data reported as of count day.



- White (47.7%)
- Hispanic (21.9%)
- Asian/ Pacific Islander (20.6%)
- Black/ African American (9.4%)
- American Indian/ Alaskan Native (0.4%)

Average Class Size

Subject Area	School	District
English	20	25
Mathematics	21	26
Science	23	28
Social Studies	19	28

Average Class Size is listed for all core classes where students rotate to different teachers for different subjects.
 Data reported as of December 1.

Adequate Yearly Progress (AYP)

High Designation: High Achieving - Status

Advanced Technologies Academy has been classified as a school which demonstrated Adequate Yearly Progress during the 2007-2008 school year. Classification as demonstrating AYP is due to the schools meeting all No Child Left Behind criteria in the areas of English language arts (ELA), mathematics, and the school-wide other indicator.

Summary of Standards-Based Test Performance

Nevada uses the High School Proficiency Exam (HSPE) to measure student achievement relative to Nevada's academic standards. Data in this table are a compilation of test results for grades represented at this school and may not represent the figures that were used to determine this school's Adequate Yearly Progress. For grade-specific assessment results and other assessment information, refer to the Nevada Report Card Website at www.nevadareportcard.com.

ED = Percentage of students performing in the lowest range of achievement (Emergent/Developing)
 AS = Percentage of students performing in the Approaches Standards range of achievement
 MS = Percentage of students performing in the Meets Standards range of achievement
 ES = Percentage of students performing in the highest range of achievement (Exceeds Standards)

	Reading				Writing				Mathematics			
	ED	AS	MS	ES	ED	AS	MS	ES	ED	AS	MS	ES
State	2 %	5 %	46 %	47 %	3 %	9 %	81 %	6 %	4 %	24 %	53 %	19 %
District	2 %	5 %	48 %	45 %	3 %	10 %	81 %	6 %	5 %	26 %	51 %	18 %
School	0 %	0 %	18 %	81 %	0 %	0 %	83 %	17 %	0 %	2 %	45 %	54 %

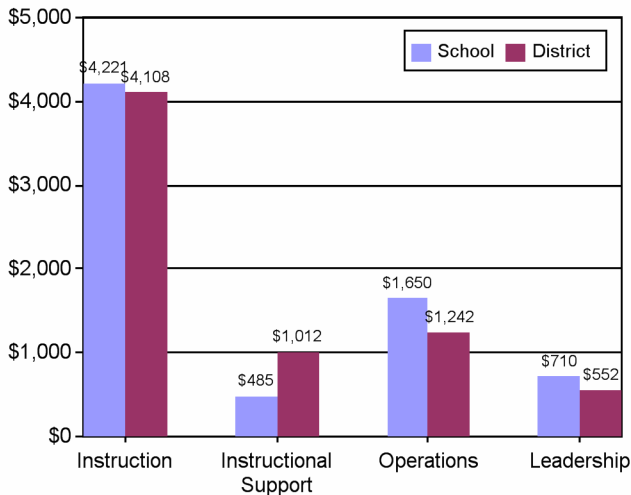
'-' indicates data not presented for groups fewer than 10.
 'N/A' indicates that data are not available.

Per-Pupil Expenditures 2006-2007

The per pupil expenditures for all Nevada school districts and schools are calculated by InSite, which results in comparable financial information over time and across the state. Financial data are reported for the year prior to the school year just completed.

A-Tech Total Cost Per Pupil = \$7,065.98
 District Total Cost Per Pupil = \$6,913.14

Per-Pupil Expenditures By Category



Schools showing only \$0 have not been in operation long enough to have data for 2006-2007.

Personnel Information

Classes Not Taught by Highly Qualified Teachers

	School %	District %
Elementary	N/A	13.9 %
Arts	50.0 %	19.6 %
English	12.0 %	19.9 %
Foreign Language	0.0 %	15.5 %
Mathematics	0.0 %	17.5 %
Science	0.0 %	18.4 %
Social Studies	0.0 %	15.5 %

'N/A' indicates that these subjects or grade levels are not present. Data obtained from the Office of Teacher Licensure as of May 2008. Highly qualified teachers hold a minimum of a bachelor's degree, are licensed to teach in the State of Nevada, and have demonstrated competence in their teaching area.

Teacher ADA and Licensure Information

	Teacher Average Daily Attendance Rate	Teachers providing instruction:		
		Pursuant to NRS 391.125 (Emergency Credential)	Pursuant to waiver with State Approval	Without an endorsement for the subject area
State	95.7 %	411	451	141
District	96.0 %	397	296	94
School	96.6 %	1	0	2

Teacher Average Daily Attendance (ADA) is the percentage of licensed educators who provided instruction to students in classrooms on an "average school day". 'N/A' indicates that data are not available.

Graduation/Dropout Information: Class of 2007

	Graduation Rate			Dropout Rate		
	School	District	State	School	District	State
Total Students	97.1 %	63.0 %	67.4 %	0.4 %	6.0 %	4.8 %
Male	97.6 %	60.3 %	65.0 %	0.5 %	6.3 %	5.0 %
Female	96.5 %	65.7 %	69.7 %	0.2 %	5.8 %	4.6 %
American Indian/Alaskan Native	-	51.0 %	59.9 %	0.0 %	7.5 %	4.6 %
Asian/Pacific Islander	100.0 %	76.4 %	76.8 %	0.5 %	3.6 %	3.4 %
Hispanic	100.0 %	51.9 %	53.7 %	0.0 %	7.9 %	6.8 %
Black/African American	100.0 %	52.0 %	52.4 %	0.0 %	6.5 %	6.2 %
White	93.7 %	71.4 %	76.1 %	0.6 %	4.9 %	3.6 %

'-' indicates data not presented for groups fewer than 10 for graduation rate.

'N/A' indicates sufficient data are not available.

High School Completion Indicators: Class of 2007

	Standard Diploma		Advanced Diploma		Adult Diploma*		Adjusted Diploma		Cert. of Attendance+	
	#	%	#	%	#	%	#	%	#	%
State	12,208	62.2 %	4,872	24.8 %	60	0.3 %	1,299	6.6 %	1,191	6.1 %
District	8,723	66.9 %	2,594	19.9 %	8	0.1 %	808	6.2 %	898	6.9 %
School	206	75.7 %	66	24.3 %	N/A	N/A	N/A	N/A	N/A	N/A

'N/A' indicates that no diplomas or certificates of this type were issued.

* Adult diplomas issued to 12th grade students enrolled in a program of alternative education are included in these figures.

+ Certificates of Attendance are given to students who did not receive a diploma only because they did not pass the Nevada High School Proficiency Exam.

Nevada System of Higher Education (NSHE): Fall 2007

Students enrolled in remedial courses within the Nevada System of Higher Education (NSHE) do not reflect all graduates. Some graduates do not attend college or they attend college out of state.

	# Enrolled	# Remediated	% Remediated
District	4,688	1,237	26.4 %
School	164	20	12.2 %

Parent/Community Involvement

The A-Tech website, www.atech.org, provides parents and students access to the A-Tech calendar, course catalog, student/parent handbook, magnet information, directory information, announcements, and individual teacher web pages with grades, assignments, and resources. Students and parents e-mail teachers through InterAct, and live video announcements broadcast into each classroom. Parents are invited to an autumn Open House, two evening Community Nights, Counselors' College Night and to participate on the Parent Advisory Committee or the newly-formed Parent Advisory Board. Student Ambassadors visit all CCSD eighth grade students' schools to recruit for A-Tech. A-Tech newsletters are published electronically, and the Maverick Messenger is delivered to students. Partnerships with companies, internships, career fairs, guest speakers, and job shadowing bring community members to A-Tech and students to business opportunities where they experience the correlation between classroom learning and the skills and knowledge needed after high school.

Note: District totals do not include state or district sponsored charter school data.

The development of this annual school accountability report is a joint effort among the Nevada Department of Education, Otis Educational Systems, Inc., and Nevada school districts. This report is provided to the public as required by the federal No Child Left Behind Act and NRS 385.347. A comprehensive listing of all accountability data, including student test data, may be accessed on the Nevada Annual Reports of Accountability website at www.nevadareportcard.com.