

ARIZONA SCHOOL REPORT CARD 2002-03

Does Not Receive Profile ¹:

- Alternative School
- Pre-K - 2
- New School

Academy of Math and Science

Academy of Math and Science, Inc.
1557 W. Prince Road, Tucson, AZ 85705

Principal: Mrs. Tatyana Chayka
Schedule: 7:30 AM to 4:00 PM
Web Address: www.amstucson.org
E-mail: ams@amstucson.org

Grades: 1-10
2002 Enrollment: 189
Phone: (520) 293-2676
Fax: (520) 888-1732

∨ School Overview ∨

Mission

We are a charter school that is dedicated to providing students with a top quality education; we emphasize math and science while simultaneously providing a superior education in all other aspects of the school curriculum. We believe that every student can perform and achieve at the peak of his/her personal abilities with the proper guidance, instruction and motivation.

Organization and Philosophy

- w Charter School
- w Small Class Sizes
- w Emphasize Math and Science
- w AIMS/Stanford 9 Readiness

Instructional Programs

- w Integrated Curriculum/Instruction
- w Tutoring
- w Emphasize Math and Science
- w 3 Science/Grade (Biology/Physics/Chem.)
- w AIMS Readiness
- w Curriculum Aligned to AZ Acad. Standards
- w Programs Tailored to Students
- w Computers/Art History/Music Included

School/Academic Goals

- w Create awareness of the what, the how, and the why of Mathematics and Science. Ensure that our students are prepared in math and science for all their future endeavors and develop interest in knowledge of natural science.
- w Implement School Student Assessment Plan to ensure student success on Stanford 9 and AIMS. Student performance will be analyzed relative to student social economic data, gender, age, school and academic growth.
- w Develop individual educational plan for every student based on student abilities, background and previous experience.
- w Provide the student with a solid educational foundation in technology for future academic and professional growth.

Enrollment

October 1, 2001 School Year Student Enrollment:	NEW
Accepting New Students in 2002-03 Under Open Enrollment Law ² :	Yes
Number of Students Attending Under Open Enrollment in 2001-02:	NEW

¹ For an explanation of the Achievement Profiles, please visit <http://www.ade.az.gov/azlearns>.

² Under ARS§15-816, school district governing boards must implement open enrollment programs and establish policies covering admission criteria, application procedures and transportation provisions. For more information, contact the school district office.

∨ **School Site Council** ∨

Council Composition

1 School Administrator(s)
 0 Non-certified Employee(s)
 0 Teacher(s)
 1 Parent(s)
 4 Community Member(s)
 0 Student(s)

Council Duties

w Develop & Review Policies and Procedures
 w Decisions Concerning Academic Programs
 w School Finance Decision
 w School Operational Decisions
 w Employee Contract Decisions
 w Educational Practice Decisions

∨ **Staffing Information** ∨

School administration and instruction for school year 2002-03 are provided by:

Position	Number	Position	Number
Administrator	3.50	Teacher	13.00
Other Professional Staff	0.50	Teacher Aide	0.50

Educational Attainment by Years of Teaching Experience of Current Teaching Staff

Experience	Degree			
	Bachelor's	Master's	Doctorate	Other
3 or fewer years	1	1	0	0
4 to 6 years	3	2	0	0
7 to 9 years	0	0	0	0
10 or more years	3	5	0	0

∨ **Shared Responsibilities** ∨

School

Small class size. Safe learning environment. Current computer technology center. Physics, chemistry, biology and computer science in all grades. Math curriculum built on the best of European and American school systems. Afterschool tutoring. High academic standards. Regular home/school communication.

Parents

Ensure student attendance. Provide transportation. Provide proper clothing and nutrition. Weekly review with comments of Student Communications Success Book to ensure academic progress of the student. Organization of school field trips and carpooling.

∨ **Transportation Policy** ∨

School does not provide transportation.

∨ Calendar Information ∨

Number of Instruction Days:	178	First Day of School:	8/19/02
Average Daily Instruction Time:	6 hrs. 30 min.	Last Day of School:	5/28/03

Operates on Traditional Schedule

Report Card Release Dates

10/18/02	1/8/03	3/14/03	5/28/03
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Additional Calendar/Report Card Information

∨ Resources Available at School Site ∨

Nutrition Programs

Federal food programs available to eligible³ students:

Breakfast - No Lunch - No Summer Food - No

³ Schools participating in the federal nutrition programs provide meals to all children. Students may be eligible for free or reduced-price meals. Eligibility is based on the federal poverty guidelines.

Special Facilities

W Computer Lab

W Playground (October 2002)

Extracurricular Activities

W Tutoring Program

W Chess Club

W Drama Club

W After School Sports

W Guitar and Piano Lessons

W Student Council

W German Club

W Computer Club

School/Community Resources

W NDS

∨ Indicators of Success ∨

Information provided on this page is based on historical data, primarily from the previous school year, 2001-02.

2001-02 School Achievements/Accomplishments

w New school.

Student Information: 2001-02 Student Activity Rates

	School	Arizona		
		K-6	7-8	9-12
Attendance Rate	NEW	95.0 %	94.0 %	94.0 %
Transfers Out ⁴	NEW	19.6 %	19.5 %	20.5 %
Transfers In ⁵ : Within District	NEW	2.7 %	2.2 %	2.0 %
Transfers In ⁵ : Out-of-District	NEW	9.7 %	9.6 %	9.5 %
Promotion Rate ⁶	NEW	98.4 %	97.8 %	94.8 %
Retention Rate ⁷	NEW	1.5 %	2.1 %	5.2 %
Dropout Rate ⁸	NEW			9.5 %
Status Unknown ⁹	NEW			6.0 %

Students reported as "dropouts" who may have returned to school for the following academic year are not accounted for in this report.

- ⁴ Transfers Out: Percentage of accountable students withdrawing to continue studies in another school or to be taught at home for the 2001-02 school year.
- ⁵ Transfers In: Within District: Percentage of accountable students entering school who were previously enrolled in another Arizona public school within the school district during the 2001-02 school year. Out-of-District: Percentage of accountable students entering school who were previously enrolled in another school district during the 2001-02 school year.
- ⁶ Promotion Rate: Percentage of students promoted to the next grade or who met graduation requirements and received a traditional diploma at the end of the 2001-02 school year. Percentage includes students who left school at age 22 or who had completed school and received a non-traditional diploma.
- ⁷ Retention Rate: Percentage of students retained at the end of the 2001-02 school year.
- ⁸ Dropout Rate: Percentage of students counted as withdrawn due to chronic illness, expulsion or dropping out during the 2000-01 school year, to include activity during the summer of 2001. This rate includes students who were withdrawn after 10 consecutive days of unexcused absences or were coded by the school as "status unknown." The Promotion Rate, Retention Rate, Dropout Rate and Status Unknown Rate may not add to 100% due to the inclusion of summer activity in the Dropout Rate and the Status Unknown Rate but not in the Promotion Rate and Retention Rate. Data for 2001-02 is not yet available.
- ⁹ Status Unknown: Percentage of students unaccounted for by any method during the 2001-02 school year. Status unknown students are not necessarily dropouts.

∨ School Honors ∨

Awards or special recognition honors received by the school, staff or students:

Award/Honor	Year
New School	

∨ Academic Achievement Indicators ∨

Arizona's Instrument to Measure Standards (AIMS) is designed to measure student achievement of the Arizona Academic Standards. Effective with the high school Class of 2006 (eighth graders in 2001-02), students must "Meet the Standard" or "Exceed the Standard" on all portions of AIMS or pass an AIMS Equivalent Demonstration (subject to approval by the state Board of Education) in order to be eligible for a high school diploma. High school students who did not attain "Meets the Standard" or "Exceeds the Standard" in reading, writing and mathematics will have additional opportunities to retake the test in their junior and senior years. Students in grades 3, 5, and 8 also take AIMS.

AIMS Results , 2001-02

New school; therefore, no data to report.

∨ Mathematics Education and AIMS ∨

On April 24, 2000, the state Board of Education amended the high school graduation requirements to include the following: "Effective with the graduating class of 2004, the two required math credits shall be taken consecutively beginning with the ninth grade and course content shall reflect Academic Standards preparation for proficiency at the high school level." Parents should verify with the school that their ninth grade students are enrolled in one or more mathematics courses that provide instruction in the state Board-adopted mathematics standards that lead to proficiency in high school. Students who begin the ninth grade during the 2001-02 school year should be enrolled in a mathematics sequence that is aligned to the state's mathematics standards and includes instruction in the concepts and performance objectives that will be assessed by AIMS. The Board's amendment to the high school graduation requirements should not be interpreted to mean that all ninth grade students must be enrolled in any *particular* course. **The Board's intent is to assure that all ninth grade students are enrolled in courses that prepare students for success on AIMS.**

∨ Academic Achievement Indicators ∨

Since 1997, students have been tested in reading, language and mathematics using the *Stanford Achievement Test, Ninth Edition*, a standardized, nationally norm-referenced test. Since 1999, all students in grades 2 through 9 have been tested using the Stanford 9, though other grades have been tested in the past (grades 10-12 in 1997 and 1998, grades 10-11 in 1999 and 2000, and grade 1 reading in 2001).

The percentage (%) of eligible students tested and the school's percentile ranks are presented below. State average percentile ranks (AZ) are provided for comparison. Note that the average percentile ranks for the nation are 50 for all content areas in all grades.

Under the Family Educational Rights and Privacy Act of 1974 (FERPA), no individually identifiable references to students may be made. Therefore, items of data containing information about fewer than ten students have been replaced with (**) to protect student privacy. Some columns contain dashes (--) to indicate "not applicable" or "no data available."

Stanford 9 Percentile Rank Scores

New school; therefore, no data to report.

∨ Measure of Academic Progress ∨

Arizona's Measure of Academic Progress (MAP) is an indicator of student academic growth from one year to the next. The results are based on the *Stanford Achievement Test, Ninth Edition* (Stanford 9), given in 2001 and 2002. MAP includes only those students who were tested both years in consecutive grade levels at the same school or who started the school year in the same school in which they were tested in 2002. A student achieves One Year's Growth (OYG) if he or she remains in the same Stanine⁹ or advances a Stanine from one year to the next. The percentage of students achieving OYG at the school is reported below.

⁹ Stanines are normalized standard scores that range from a low of 1 to a high of 9, with 5 designating average performance. National Stanines, like National Percentile Ranks, indicate a student's relative standing in the national norm group (Source: Harcourt Educational Measurement).

New school; therefore, no data to report.

∨ School Safety ∨

The purpose of this section is to provide parents information about what the school is doing to promote a safe and healthy learning environment.

School-level Efforts to Ensure a Safe and Healthy Learning Environment

Closed campus. Posted Rules and Guidelines. New fire alarm and sprinkler systems. Teachers on guard duty throughout the school day. Students' after school dismissal monitored by teachers, ensuring every child leaves the premises with a parent-/guardian-approved ride. Parents who choose to allow dismissal without supervision must sign approval form.

Total number of incidents that occurred on the school grounds that required the intervention of local, state or federal law enforcement (A.R.S. § 15-746.6).

NEW

School uniforms are not required at this school.

The Arizona Attorney General's Office has a hotline that allows students to report suspicious activities at schools and to get help with potentially violent situations, such as bullying, harassment, hate crimes, discrimination and gangs. The toll-free number, **1-877-900-1086**, is anonymous and available 24 hours a day.

∨ Per Pupil and School Expenditures for the 2000-2001 School Year ∨

Expenditure Category	*Per Pupil Expenditures by Category	School Expenditures by Category
Classroom Instruction	NEW	NEW
Classroom Supplies	NEW	NEW
Administration	NEW	NEW
Support Services-Students	NEW	NEW
Other Support Services and Operations	NEW	NEW
Total Expenditures- All Categories 2000-2001	NEW	NEW

Total Expenditures may not be exact because of rounding.

Information is self-reported by the district and is unaudited.

* Based upon 2000-2001 Average Daily Membership (ADM).

(School Expenditures divided by ADM)

**Due to technical difficulties, data for multiple charter school sites is not available.

These are maintenance and operation expenditures and do not include capital expenditures such as facilities construction and buses. Classroom Instruction includes activities dealing directly with the interaction between teachers and students. It also includes activities of aides or classroom assistants that are involved in the instructional process. Classroom Supplies includes costs for items that are consumed, worn out or have deteriorated through use; or items that lose their identity through fabrication or incorporation into different or more complex units or substance. Administration includes governing board services, executive administration services, lobbying, office of the principal services and other support services for school administration. Support Services-Students includes attendance and social work, guidance, health, psychological, speech pathology, audiology services and other support services for students. Other Support Services and Operations includes support services for instructional staff, business support services, operation and maintenance of plant services, student transportation services, central support services, other support services, food service operation and bookstore operations.

∨ Contacts ∨

	Name	Phone	Extension
School Site Council	Jill Rich	(520) 293-2676	
Transportation Policy	NDS		
Community Resources	NDS		
School Nutrition Programs	NDS		
Parent Organization	Shannon Hunt	(520) 293-2676	
Student Health/Nurse	Melody Hagerlin	(520) 293-2676	

The Arizona School Report Card was prepared by the Arizona Department of Education using a standardized format to combine information provided by the local school with data compiled from state records. Each school has special strengths and needs, and all schools benefit from the active involvement of parents in their children's education. If you have questions about the report card or need more information, contact the school office. Arizona School Report Cards can be found for all schools at www.ade.az.gov/srcs/ on the Internet.

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