

ARIZONA SCHOOL REPORT CARD 2002-03

EcoTech Academy of Science and Agriculture

Ecotech Academy of Science and Agriculture
12221 E. Pecos Road, Chandler, AZ 85225

Achievement Profile¹:

EL	HS	
<input type="checkbox"/>	<input type="checkbox"/>	Excelling
<input type="checkbox"/>	<input type="checkbox"/>	Improving
<input type="checkbox"/>	<input type="checkbox"/>	Maintaining Performance
<input type="checkbox"/>	<input type="checkbox"/>	Underperforming
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Extremely Small School

Director: Mrs. Jameela Mutab

Schedule: 7:30 AM to 4:30 PM

Web Address: members.aol.com/ecoTJM

E-mail: ecotjm@aol.com

Grades: K-12

2002 Enrollment: 62

Phone: (480) 814-9007

Fax: (480) 814-7484

∨ School Overview ∨

Mission

EcoTech Academy of Science and Agriculture expects high performance and academic achievement for all students, through science-driven themes in an agricultural setting. Students are challenged to build excellence in academics, character and dignity in hard work, with authentic hands-on experiences that enhance all subject areas. Students learn to appreciate and value nature and its resources through outdoor projects linked to the Arizona Academic Standards.

Organization and Philosophy

- w Charter School
- w Multiage Classrooms
- w Departmentalized Classrooms
- w High Academic Standards

Instructional Programs

- w Thematic Experiential Learning
- w Low Teacher-Student Ratio
- w Hands-on Academics
- w Technology and School-to-Work Programs
- w Permaculture/Ecology Studies
- w Emphasizes Sustainability
- w Elective Enrichment Programs
- w Service Learning/Leadership Component

School/Academic Goals

- w All students master the content of a classical core curriculum based on national, state and school standards. Subjects including math, science, history/geography, English grammar/writing and literature are taught through holistic thematic units.
- w Provide concrete, hands-on learning experiences in outdoor education to broaden traditional learning opportunities, foster environmental stewardship, and compassionate, sustainable agricultural practices.
- w Enable students of different backgrounds to work and learn cooperatively in a school community more like the real world, emphasize the development of dignity and respect, and foster student potential for leadership in a changing society.
- w Nurture student self-esteem, practical life skill development, and a sense of accomplishment by providing technical expertise and assistance in the completion of related projects.

Enrollment

October 1, 2001 School Year Student Enrollment:	72
Accepting New Students in 2002-03 Under Open Enrollment Law ² :	Yes
Number of Students Attending Under Open Enrollment in 2001-02:	85

¹ For an explanation of the Achievement Profiles, please visit <http://www.ade.az.gov/azlearns>. EL-Elementary; HS-High School.

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.

NDS = No Data Submitted NR = No Response NA = Not Applicable ISD = Insufficient Data to Calculate Rate

∨ **School Site Council** ∨

Council Composition

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

Council Duties

- w Personnel Decisions
- w School Safety Issues
- w Student Discipline
- w Budget
- w Parent/Educator Issues
- w Contracted Services Issues

∨ **Staffing Information** ∨

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

Position	Number	Position	Number
Administrator	1.00	Teacher	4.00
Other Professional Staff	0.00	Teacher Aide	0.00

Educational Attainment by Years of Teaching Experience of Current Teaching Staff

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

∨ **Shared Responsibilities** ∨

School

The school will provide a safe, secure, nurturing environment and quality, unique learning opportunities. Parent involvement on the Parent Advisory Committee and School Board are encouraged. A strong character development component incorporated into the environmental farming experience not only promotes stewardship, but positive leadership as well.

Parents

An agreement regarding behavior, homework requirements, and class work policies are signed by parents and students. Safety contracts for 4-H activities, and other on-farm activities are also required. Parents transport students and send them with a daily lunch and snack. Student and staff dress code includes modest attire and clothing suitable for outdoor activities. In hot weather, students must bring hats and sun screen--no sandals--when outdoors, or shorts in horseback riding classes.

∨ **Transportation Policy** ∨

Transportation is available for some students living in a limited area in the East Valley; however, transportation is primarily the responsibility of the parent. The school can provide bus tokens for students who choose to use local buses with pick-up from closest bus stop. The school buses are also available for special events and field trips.

∨ Calendar Information ∨

Number of Instruction Days:	182	First Day of School:	7/22/02
Average Daily Instruction Time:	7 hrs. 30 min.	Last Day of School:	5/23/03

Operates on Year-round Schedule

Report Card Release Dates

9/19/02	12/20/02	3/6/03	5/22/03
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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 - Yes 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 Livestock Facilities	W Gardens
W Archery Range	W Computer Lab

Extracurricular Activities

W Teen Leadership Training	W Future Young Lawyers
W 4-H Farm Projects Club	W Service Learning and Leadership Program
W Horticulture Club	

School/Community Resources

W City of Chandler	W Maricopa County 4-H Clubs
W Chandler Gilbert Community College	W Chase Bank
W Chandler Community Coalition	W Chandler Boys and Girls Club
W Maricopa County Dept. of Public Safety	W Chandler Chamber of Commerce

∨ 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

- | | |
|--|---|
| <p>W Student group efforts to raise test averages are recognized in bi-weekly assemblies. Scores on teacher-generated core subject tests increase weekly. Continuing students show notably consistent & significant achievement individually and as a group.</p> <p>W Our school's ethnic breakdown is 30% Caucasian, 28% Hispanic, 24.5% African American, 13% multiracial, 4% Asian, .5% Native American. Deliberate recruitment efforts target ethnic/cultural diversity.</p> | <p>W Affiliations have been developed with several local organizations. EcoTech intends to become more involved with local community groups.</p> <p>W The school community concept is woven through academic and social goals at EcoTech. Peer mediation and student community involvement and service projects continue.</p> |
|--|---|

Student Information: 2001-02 Student Activity Rates

	School	Arizona		
		K-6	7-8	9-12
Attendance Rate	97.0 %	95.0 %	94.0 %	94.0 %
Transfers Out ⁴	50.4 %	19.6 %	19.5 %	20.5 %
Transfers In ⁵ : Within District	0.0 %	2.7 %	2.2 %	2.0 %
Transfers In ⁵ : Out-of-District	0.0 %	9.7 %	9.6 %	9.5 %
Promotion Rate ⁶	100.0 %	98.4 %	97.8 %	94.8 %
Retention Rate ⁷	0.0 %	1.5 %	2.1 %	5.2 %
Dropout Rate ⁸	31.3 %			9.5 %
Status Unknown ⁹	25.0 %			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
Recipient - Central Arizona Project Grant	2002
Recipient - J.P. Morgan Chase Foundation Cash Award	2002
Chinese Heritage Essay Contest Winners with Cash Awards	2001
Maricopa County Fair Premiums, Trophies and Ribbons	2001

∨ 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 ¹, 2001-02

Grade 3		Number Tested	MS	FFB	A	M	E
Reading	School	**	**	**	**	**	**
	State	58840	524	9%	17%	45%	29%
Writing	School	**	**	**	**	**	**
	State	57282	541	10%	12%	63%	16%
Mathematics	School	**	**	**	**	**	**
	State	59030	517	11%	27%	35%	27%

Legend

- MS - The Mean Scale Score (average) on a 200-800 scale. A student must have achieved a scale score of 500 to meet the standard. Scale scores are not comparable among content areas.
- FFB - Percent of students who Fell Far Below the standard
- A - Percent of students who Approached the standard
- M - Percent of students who Met the standard
- E - Percent of students who Exceeded the standard

Grade 5

Reading	School	**	**	**	**	**	**
	State	61305	505	21%	20%	43%	15%
Writing	School	**	**	**	**	**	**
	State	59599	512	17%	26%	42%	16%
Mathematics	School	**	**	**	**	**	**
	State	61760	494	14%	40%	12%	34%

Grade 8

Reading	School	**	**	**	**	**	**
	State	57484	504	24%	20%	40%	16%
Writing	School	**	**	**	**	**	**
	State	55420	493	15%	42%	41%	2%
Mathematics	School	**	**	**	**	**	**
	State	57734	459	39%	40%	14%	7%

Grade 10 (Class of 2003)²

Reading	School	--	--	--	--	--	--
	State	49803	512	15%	23%	48%	14%
Writing	School	--	--	--	--	--	--
	State	50471	477	17%	23%	59%	1%
Mathematics	School	--	--	--	--	--	--
	State	50429	480	48%	19%	22%	10%

¹Results reflect student performance on the English form of AIMS.

²Class of 2003 is the cohort of students who began 9th grade during the 1999-2000 school year.

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."

∨ 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

Grade	Content Area	1997-1998			1998-1999			1999-2000			2000-2001			2001-2002		
		%	Score	AZ												
1	Reading	--	--	--	--	--	--	--	--	--	37	--	60	--	--	--
2	Reading	--	--	--	100	70	50	24	**	52	50	--	53	--	--	57
	Language	--	--	--	100	55	40	35	**	43	50	--	44	--	--	48
	Mathematics	--	--	--	100	43	51	35	**	55	50	--	57	--	--	61
3	Reading	78	37	47	60	**	47	34	**	48	75	--	50	--	--	50
	Language	78	64	49	60	**	51	17	**	54	75	--	56	--	--	57
	Mathematics	78	41	46	60	**	49	52	**	52	75	--	54	--	--	56
4	Reading	45	58	53	--	**	54	64	52	54	60	--	55	--	--	55
	Language	45	53	47	--	**	49	74	30	48	60	--	50	--	--	50
	Mathematics	45	82	51	--	**	54	74	34	55	60	--	57	--	--	58
5	Reading	73	39	51	33	**	51	25	**	51	22	--	51	--	--	53
	Language	73	38	42	33	**	44	25	**	45	22	--	45	--	--	47
	Mathematics	73	64	51	33	**	54	25	**	55	22	--	57	--	--	59
6	Reading	100	55	53	100	**	54	28	**	53	60	--	54	--	--	56
	Language	100	30	41	100	**	44	28	**	44	60	--	45	--	--	47
	Mathematics	100	80	57	100	**	59	28	**	60	60	--	63	--	--	65
7	Reading	92	54	52	100	**	53	100	30	52	100	--	53	--	--	55
	Language	100	37	52	100	**	54	100	48	54	100	--	55	--	--	58
	Mathematics	100	69	53	100	**	55	75	50	56	100	--	58	--	--	60
8	Reading	54	48	54	100	58	54	100	26	53	80	47	55	--	--	56
	Language	54	20	46	100	42	49	100	32	49	80	41	50	--	--	52
	Mathematics	54	73	52	100	47	54	100	13	56	80	80	58	--	--	59
9	Reading	--	--	44	100	**	43	65	**	43	--	--	43	--	--	43
	Language	--	--	39	100	**	39	65	**	40	--	--	41	--	--	42
	Mathematics	--	--	57	100	**	57	65	**	59	--	--	61	--	--	62
10	Reading	--	--	42	--	--	42	87	**	42	--	--	--	--	--	--
	Language	--	--	43	--	--	44	87	**	44	--	--	--	--	--	--
	Mathematics	--	--	47	--	--	49	87	**	50	--	--	--	--	--	--
11	Reading	--	--	46	--	--	44	--	--	45	--	--	--	--	--	--
	Language	--	--	43	--	--	42	--	--	44	--	--	--	--	--	--
	Mathematics	--	--	51	--	--	52	--	--	55	--	--	--	--	--	--

∨ 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).

The MAP is an elementary school (Grades 2-8) indicator only.

	Reading	Math
	Percentage of Students Achieving One Year's Growth	Percentage of Students Achieving One Year's Growth
Grades 2-3	**	**
Grades 3-4	**	**
Grades 4-5	**	**
Grades 5-6	**	**
Grades 6-7	**	**
Grades 7-8	**	**

*Less than 10 students matched **No information available ***Not applicable

∨ 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

EcoTech is small enough for close supervision of students. A Student Handbook outlines enforced policies and school rules which is reviewed with each new student upon enrollment. All students and their parents sign an academic, dress, conduct and attendance contract. They are fully informed of the consequences of non-compliance with policies. Compliance with this contract is reviewed quarterly. Non-compliance results in a probationary period, school community service or suspension.

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)

0

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	NDS	NDS
Classroom Supplies	NDS	NDS
Administration	NDS	NDS
Support Services-Students	NDS	NDS
Other Support Services and Operations	NDS	NDS
Total Expenditures- All Categories 2000-2001	NDS	NDS

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	Jameela Mutab	(480) 814-9007	
Transportation Policy	Jameela Mutab	(480) 814-9007	
Community Resources	Jameela Mutab	(480) 814-9007	
School Nutrition Programs	Jameela Mutab	(480) 814-9007	
Parent Organization	Jameela Mutab	(480) 814-9007	
Student Health/Nurse	Jameela Mutab	(480) 814-9007	

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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