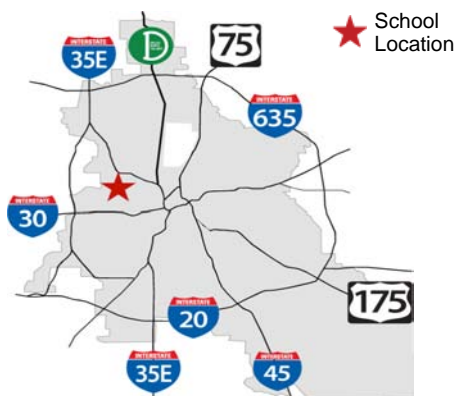


DALLAS ENVIRONMENTAL SCIENCE ACADEMY



SCORECARD 2008-2009

3635 Greenleaf St | Dallas, TX 75212 | (972) 794-3950 | Fax (972) 794-3951 | <http://www.dallasisd.org/scorecards>



Board of Trustees
Lew Blackburn, District 5

2008-2009 Principal
Marc Puig

Learning Community
West Secondary

Grade Levels
6-8

Accountability Rating
Exemplary

Overview

At Dallas Environmental Science Academy, our mission is to develop the foundation of a scientific workforce that will protect and sustain our environment today and for future generations.

DESA offers a stimulating, hands-on educational program for middle school students. The curriculum prepares students in core competencies that are directly correlated with college and workforce readiness. These include critical thinking and problem solving, data analysis, initiative, collaboration and teamwork, presentation skills, imagination and curiosity, and leadership.

The curriculum is enriched with real-world applications and field experiences. Students visit colleges and universities, participate in engineering engagements and math competitions, and work with environmental agents.

Each school year culminates in a three-day outdoor study in Glen Rose, Texas. School staff and parent volunteers work with students in various environmental elements assisting them with gathering, analyzing, interpreting, and presenting data. Students also benefit from various speakers—astronomers, environmentalists, herpetologists—and field excursions including, hiking, rock climbing, zip lining, and a Fossil Rim Safari. These experiences promote our students' abilities to think like a scientist while building the foundation of future innovators.

Feeder schools

Elementary Schools

N/A

Middle Schools

N/A

High Schools

N/A

Student, School and Faculty awards

Texas Business and Education Coalition Honor Roll School, SMU Visioneering Best Green Design winners, Texas Do The Write Thing essay contest winners, President Education Awards, selections to Lone Star Leadership Academy, Earth Day EPA-Recycled Art Contest winners, Common Cents Community Service scholarship recipients

After-school / Before-school programs

Eco-Team, mock trial, University Interscholastic League club, spirit team, math club, guitar club, yearbook club, Live to Give (student community service opportunities), Community Sustainability Campaign, and Cultural Leadership Conferences

External partnerships

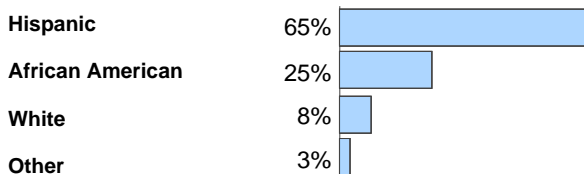
2009 DFW STEC Campus STEM Leadership Program, Environmental Protection Agency, Texas Project Lead the Way Pre-Engineering Program, PTA, Dallas Water Utilities/Dallas Waste Management, Young Lawyers of Dallas, Lockheed Martin, CiCi's Pizza

Extracurricular activities

Eco-team, intramural sports, Peer Mentoring Squad, spirit team, student council, National Junior Honor Society, and University Interscholastic League competitions

Student Enrollment / Demographics

Enrollment	192
Limited English Proficient students	4%
Students eligible for free/reduced lunch	75%
Special education students	1%



DALLAS ENVIRONMENTAL SCIENCE ACADEMY



SCORECARD 2008-2009

		ACTUAL	3-YEAR TREND oldest ----> newest			2010 GOAL	MS RANK	ACTUAL	3-YEAR TREND oldest ----> newest			2010 GOAL	MS RANK
STUDENT ACHIEVEMENT													
TAKS	Mathematics	99%	95%	98%	99%	90%	★★★★★	59%	69%	70%	59%	60%	★★★★★
	Reading / ELA	100%	100%	100%	100%	90%	★★★★★	85%	70%	83%	85%	60%	★★★★★
	Science	100%	n/a	97%	100%	90%	★★★★★	87%	n/a	58%	87%	60%	★★★★★
	Social Studies	100%	99%	99%	100%	90%	★★★★★	72%	52%	77%	72%	60%	★★★★★
	Writing	98%	97%	99%	98%	90%	★★★★★	85%	70%	74%	85%	60%	★★★★★
			Met Minimum Standard					Met College-Ready Standard					
Students who took a Pre-Advanced Placement (Pre-AP) course		100%						100%	81%	92%	100%	-	★★★★★
Pre-AP students passing at least one Pre-AP course		93%						93%	97%	93%	93%	-	★☆☆☆☆
ON TRACK / GRADUATION													
Students present at least 90% of the time		98%						98%	100%	97%	96%	-	★★★★★
8th grade students on track for high school		93%						93%	n/a	n/a	93%	-	★★★★★
Students on track one year after leaving this school		94%						94%	n/a	n/a	94%	-	★★★★★
STUDENT GROWTH													
Students who made expected gains on TAKS math		89%						89%	n/a	65%	89%	-	★★★★★
Students who made expected gains on TAKS reading		98%						98%	n/a	94%	98%	-	★★★★★
School Effectiveness Index (SEI - average score is 50)		56						56	49	54	56	-	★★★★★
TEACHERS													
Average teacher attendance rate		91%						91%	95%	90%	91%	-	★★★☆☆
Teachers retained from previous year		93%						93%	92%	80%	93%	-	★★★★★
LEARNING ENVIRONMENT													
Parents who completed survey = 119 out of 192 --> 62%									Agree			Not Sure	Disagree
PARENTS	Parents are satisfied with the quality of education								95.8%			3.4%	0.8%
	Parents believe the school has a welcoming environment								98.3%			1.7%	0.0%
	Parents are satisfied with the school facilities and cleanliness								83.2%			10.1%	6.7%
	The school informs parents about their child's grades and learning progress throughout the year								94.1%			3.4%	2.5%
	The school responds to concerns in a timely manner								87.4%			9.2%	3.4%
Students who completed survey = 119 out of 192 --> 62%									Often			Sometimes	Never
STUDENTS	Students feel safe when on campus								76.5%			22.7%	0.8%
	Students are given homework from their teachers								78.2%			21.8%	0.0%
	Students feel challenged with coursework								23.5%			74.8%	1.7%
	Students believe courses are relevant to their future								68.1%			29.4%	2.5%
	Students are encouraged to use what they learn in everyday life								44.5%			52.1%	3.4%
	Students participate in sports or athletics								50.4%			39.5%	10.1%
Students participate in arts, music, clubs, or student council								31.9%			42.0%	26.1%	

Note: All data is based on the 08-09 school year except where indicated below
 * Most recent data is from 07-08 school year | ** Most recent data is from 06-07 school year
 n/a - Data not available for that school year

★☆☆☆☆	Bottom 25% of Dallas ISD Middle Schools	★★★★★	Top 25% of Dallas ISD Middle Schools
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Middle School Legend



Name	Definition	Why This Matters
Student Achievement		
Students who met minimum TAKS standard	Percent of students who scored at least 2100 on the Texas Assessment of Knowledge and Skills (TAKS) test (out of all students who take the TAKS)	Indicates a student is performing at or above acceptable standards set by the state of Texas in a core subject
Students on path to college ready TAKS standard	Percent of students who scored at least 2300 on the TAKS test (out of all students who take the TAKS)	Indicates a student is performing at a level which sets him/her on a path to college readiness
Students who took a Pre-Advanced Placement (Pre-AP) course	Percent of students who took at least one Pre-AP course (out of all students in school)	Students who take a Pre-AP course show commitment to academic rigor
Pre-AP students passing at least one Pre-AP course	Percent of students who passed at least one Pre-AP course (out of all Pre-AP students in school)	Students passing a Pre-AP course are better prepared for high school
On Track		
Students present at least 90% of the time	Percent of students who were present for at least 90% of their classes	Attendance is a key indicator of whether or not a student is on track for graduation
8th grade students on track for high school	Percent of 8th graders who have scored 2100 or higher on all TAKS test and received no more than one semester "F" in a core subject	Success in 8th grade is a good leading indicator of strong high school performance
Students on track one year after leaving this school	Percent of current year's 9th graders from this school's previous 8th grade class who have accumulated five credits and received no more than one semester "F" in a core subject	Measures how well the school prepares students for success in freshman courses, which is a key predictor of graduation from high school
Student Growth		
Students who made expected gains on TAKS math	Percent of students who made anticipated academic progress between previous year's TAKS tests and current year's TAKS tests	In order to stay on track to graduate, students must make expected gains from one academic year to the next
Students who made expected gains on TAKS reading	Percent of students who made anticipated academic progress between previous year's TAKS tests and current year's TAKS test	In order to stay on track to graduate, students must make expected gains from one academic year to the next
School Effectiveness Index (SEI -average score is 50)	A measure of school proficiency, which isolates impact teachers have on student achievement, controlling for social and demographic factors	It is important to understand what impact schools have on student learning, regardless of a student's starting point
Teacher Quality		
Average teacher attendance rate	Average percent of teachers present over the course of the school year	Quality instruction requires consistent teacher attendance
Teachers retained from previous year	Percent of teachers from the previous year who remain employed at the school	Retaining qualified teachers leads to improved student performance
Learning Environment		
Students who feel safe and secure	Percent of student survey respondents who indicate that school is safe and secure	In order for students to focus on learning, they must first feel safe
Students who feel challenged with coursework	Percent of student survey respondents who indicate that courses are challenging	Students who feel challenged are more likely to take their classes seriously
Students who believe courses are relevant to their future	Percent of student survey respondents who indicate that they are learning appropriate and important knowledge	Students who believe their courses are important will strive to do well in them
Students who participate in an extra-curricular activity	Percent of student survey respondents who report participation in at least one extra-curricular activity	Research has shown that participation in events outside normal hours motivates students to focus on academics
Parents satisfied with school academics and environment	Percent of parent survey respondents who indicate that they are happy with the quality of instruction and environment at the school	Parent satisfaction is an important measure of school success
Parents who completed survey	Percent of a school's parents who respond to annual survey	Survey completion is a measure of parental engagement at the school
Rating of school facilities and cleanliness	Evaluation of school's physical condition and cleanliness	Clean and well maintained schools provide a positive learning environment