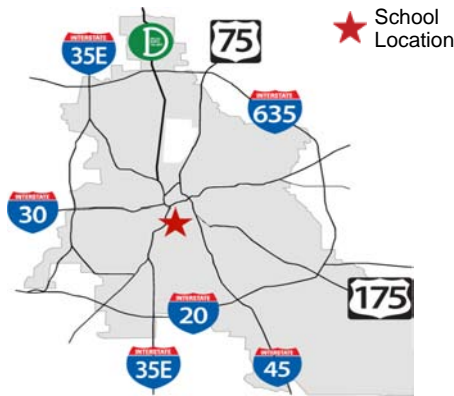


SCHOOL OF SCIENCE AND ENGINEERING AT YVONNE A. EWELL TOWNVIEW CENTER

SCORECARD 2010-2011

1201 E. Eighth St | Dallas, TX 75203 | (972) 925-5960 | Fax (972) 925-6016 | <http://www.dallasisd.org/scorecards>



Board of Trustees
Lew Blackburn, District 5

2010-2011 Principal
Jovan Grant-Wells

Learning Community
Central Secondary

Grade Levels
9-12

Accountability Rating
Exemplary

Overview

The School of Science and Engineering is known for its excellence in preparing students to attend the college or university of their choice while earning the financial support needed through scholarships and grants.

Students study advanced topics in math and science through an academically rigorous program. They also are nurtured to maturity through language and liberal arts programs. Our staff of teachers, trained in the Advanced Placement program, work before and after school with students on their studies as well as assist students with any personal issues they may have.

Once a student has entered his or her junior year, the counseling staff intensifies the focus to address students' individual needs. They help to ensure all students graduate with either the Recommended or the Distinguished diploma. They assist with college applications, staying at the forefront of the admission requirements and timetables established by the colleges and universities.

Our active PTSA and the consistent collaboration between parents and teachers helps to bring our academic programs to fruition. The School of Science and Engineering is recognized as one of the top high schools in the nation, but the high volume of scholarships and honors awarded to our senior students is the real evidence of our excellence.

Feeder schools	Elementary Schools
	N/A
	Middle Schools
	N/A
	High Schools
	N/A

Student, School and Faculty awards Named the #1 High School in America, The Washington Post High School Challenge 2011; #1 High School in Texas three years in a row, The Children at Risk; U.S. Department of Education Blue Ribbon School, 2005; Blue Ribbon School nominee, 2011; College Board Exemplary School, recognized as a world leader for minority students passing BC Calculus; Siemens Award recipient, Advanced Placement Program; 33 percent of the Superintendent's Scholars; First in district in Academic Decathlon; First place sweepstakes district UIL; Texas Instruments STEM Award Recipient; O'Donnell Texas AP Teacher Award Recipient.

After-school / Before-school programs ACE Mentor Program

External partnerships PTSA, parent volunteers, URS Corporation (ACE Mentor Program), Texas Instruments

Extracurricular activities Academic Decathlon (district champion), Debate, Science Bowl team (champion), band, drama, One-Act Play, chess team (champion), robotics team (award winner), ROTC, National Honor Society, home school sports, NASA-sponsored summer internships, U.S. Naval Academy-sponsored student summer enrichment program, UIL teams in all academic activities (district champions), The University of Texas Southwestern Medical School-sponsored summer internships

Student Enrollment / Demographics	
Enrollment	407
Limited English Proficient students	0%
Students eligible for free/reduced lunch	60%
Special education students	0%
Hispanic	58%
African American	18%
White	16%
Other	9%

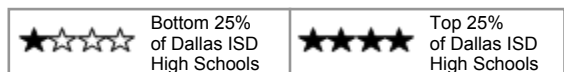
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SCORECARD 2010-2011



		3-YEAR TREND Oldest -----> Current			2011 GOAL	HS RANK	3-YEAR TREND Oldest -----> Current			2011 GOAL	HS RANK				
STUDENT ACHIEVEMENT															
TAKS - Students who met Minimum Standard						TAKS - Commended Performance									
TAKS	Reading / ELA	100.0%	▼	99.7%	▲	100.0%	90%	★★★★★	55.5%	▼	47.0%	▲	51.0%	50%	★★★★★
	Mathematics	100.0%	↔	100.0%	↔	100.0%	90%	★★★★★	91.5%	▼	89.3%	▲	90.5%	50%	★★★★★
	Science	100.0%	▼	99.5%	▲	100.0%	90%	★★★★★	69.1%	▼	63.7%	▲	76.9%	50%	★★★★★
	Social Studies	100.0%	↔	100.0%	↔	100.0%	90%	★★★★★	89.7%	▲	92.1%	▲	95.4%	90%	★★★★★
AP	Students who took an Advanced Placement (AP) test**								87.9%	▲	95.8%	▲	97.5%	50%	★★★★★
	Test takers scoring 3, 4, or 5 on at least one AP test**								79.0%	▼	76.8%	▲	80.0%	50%	★★★★★
SAT/ACT	Average Score**	Graduates who have taken either SAT or ACT**						97.8%	▼	94.6%		-			
	SAT = 1,174 ACT = 25	Examinees with college-ready SAT/ACT score**						74.7%	▲	85.7%	▼	75.4%		-	★★★★★
Graduates enrolled in post-secondary education*								85.0%	▼	82.0%	▲	91.0%		-	★★★★★
Students completing at least one TEA advanced or dual enrollment course**								95.7%	▲	98.2%	▲	98.5%	35%	★★★★★	
Percent of district's advanced curriculum offered								76.5%	▼	68.8%	▼	66.7%		-	★★★★★
ON TRACK / GRADUATION															
Students who graduate in four years*								100.0%	▼	99.1%	▲	100.0%	95%	★★★★★	
Students present at least 90% of the time								98.7%	▲	99.3%	▲	100.0%		-	★★★★★
Freshmen on track for graduation								85.1%	▼	73.9%	▲	92.7%		-	★★★★★
STUDENT GROWTH															
Students who made expected gains on TAKS Reading								98.0%	▲	98.4%		n/a		-	
Students who made expected gains on TAKS Mathematics								91.0%	▲	100.0%		n/a		-	
School Effectiveness Index (SEI - average score is 50)								58.0	▲	58.9	▲	62.8		-	★★★★★
TEACHERS															
Average teacher attendance rate								96.2%	▼	88.1%	▼	88.0%		-	★★★☆☆
Teachers retained from previous year								100.0%	▼	88.2%	▼	87.5%		-	★★★★★
LEARNING ENVIRONMENT															
Parents who completed survey = 123 out of 392 = 31.4%								Agree	Not Sure	Disagree					
PARENTS	Parents are satisfied with the quality of education								95.9%		4.1%		0.0%		
	Parents believe the school has a welcoming environment								85.2%		13.9%		0.8%		
	Parents are satisfied with the school facilities and cleanliness								86.2%		12.2%		1.6%		
	The school informs parents about their child's grades and learning progress throughout the year								85.4%		12.2%		2.4%		
	The school responds to concerns in a timely manner								69.4%		25.6%		5.0%		
Students who completed survey = 338 out of 392 = 86.2%								Often	Sometimes	Never					
STUDENTS	Students feel safe when on campus								84.6%		11.8%		3.6%		
	Students believe their school cares about kids and encourages them.								81.8%		14.3%		3.9%		
	Teachers give students challenging and interesting school work.								62.3%		28.2%		9.5%		
	Students believe doing well in school is important for their future.								86.9%		8.6%		4.5%		
	Students enjoy learning.								83.1%		16.3%		0.6%		
	Students are involved in sports, clubs or other groups.								62.6%		22.8%		14.5%		
	Students are involved in creative activities, such as music, theater or art.								51.8%		29.2%		19.0%		

Note: All data is based on the 10-11 school year except where indicated below
 * Most recent data is from 09-10 school year | ** Most recent data is from 08-09 school year
 n/a - Data not available for that school year



High School Scorecard Legend



Name	Definition	Why This Matters
Students who met minimum TAKS standard	Percent of students who scored at least 2100 on the TAKS out of all students who take the TAKS (including TAKS-A, TAKS-M, and TAKS-Alt)	Indicates a student is performing at or above acceptable standards set by the state of Texas in a core subject
Students who met commended TAKS standard	Percent of students who scored at the commended level on the TAKS out of all students who take the TAKS	Indicates a student is performing at a level which sets the student on a path to college readiness
Students who took an Advanced Placement (AP) test	Percent of 11th or 12th graders who took at least one AP test	Students who take an AP test are better prepared for success in college
Test takers scoring 3, 4, or 5 on at least one AP test	Percent of 11th and 12th grade examinees who scored 3, 4, or 5 on at least one AP test	Students scoring 3, 4, or 5 on an AP test may receive college credit
Graduates who have taken either SAT or ACT	Percent of graduates who took either the SAT or ACT college entrance exam	SAT and ACT participation and scores are a critical factor in college admission, and scores at or above 1100 and 24 on the SAT and ACT, respectively, are considered college ready scores
Examinees with college-ready SAT/ACT score	Percent of examinees who scored at least 1110 on SAT total or 24 on ACT composite out of all students who took SAT or ACT	SAT and ACT participation and scores are a critical factor in college admission, and scores at or above 1110 and 24 on the SAT and ACT, respectively, are considered college ready scores
Graduates enrolled in post-secondary education	Percent of students enrolled in college at any time during the first year after high school	Two-thirds of new jobs require college or other post-secondary education
Students who completed at least one TEA advanced or dual enrollment course	Percent of students who received credit for at least one AP or dual enrollment course	Students who complete advanced courses are better prepared for college
Percent of district's advanced curriculum offered	Percent of all AP courses (offered across Dallas ISD) that are available to students at this school	Students who are afforded a greater number of advanced courses are more likely to enroll in at least one
Students who graduated in four years	Percent of first time 9th graders who finished their high school education four years later	High school graduation is essential for success in today's economy
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
Freshmen on track for graduation	Percent of first time 9th graders who have accumulated at least five credits and received no more than one semester "F" in a core subject	Success in freshman courses is a key predictor of ultimate success in and graduation from high school
Students who made expected gains on TAKS	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
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
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
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 participated in an extra-curricular activity	Percent of student survey respondents who report participation in at least one extracurricular 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