

The State of STEM in Your State – 2017



TEXAS STATE REPORT

The average STEM score for Texas's graduating class of 2017 was **21**.

Percentage of all Texas ACT-tested HS Graduates Meeting ACT College Readiness Benchmarks by Subject

	Math	Science	STEM
Met Benchmark	40%	35%	19%
Within 1-2 Points of Benchmark	9%	15%	11%

Texas College Readiness Benchmark Percentages by Race/Ethnicity

Race	Math	Science	STEM
2 or More Races	48%	46%	26%
White	58%	53%	31%
Pacific Islander	44%	31%	20%
Hispanic	26%	21%	8%
Asian	77%	64%	51%
Native American	42%	39%	21%
Black	18%	15%	6%

The data in this report represent all ACT-tested students in Texas's 2017 graduating class.

Tomorrow's STEM Workforce in Texas

75,077 Texas students, or 51%, had an interest in STEM, but only 26,256 (18%) had **both** an expressed interest (they plan to pursue a STEM major or career) and a measured interest (their ACT Interest Inventory score pointed to a STEM field).

Texas's future STEM educator pipeline may be in danger—only 443 students planned to enter math education, and only 118 science education.

TEXAS STEM STUDENT PROFILE

Allen Ennis

PSJA Southwest Early College High School, *class of 2017*

In what grade did you first become interested in a STEM field?

Ninth Grade

What sparked your interest in STEM?

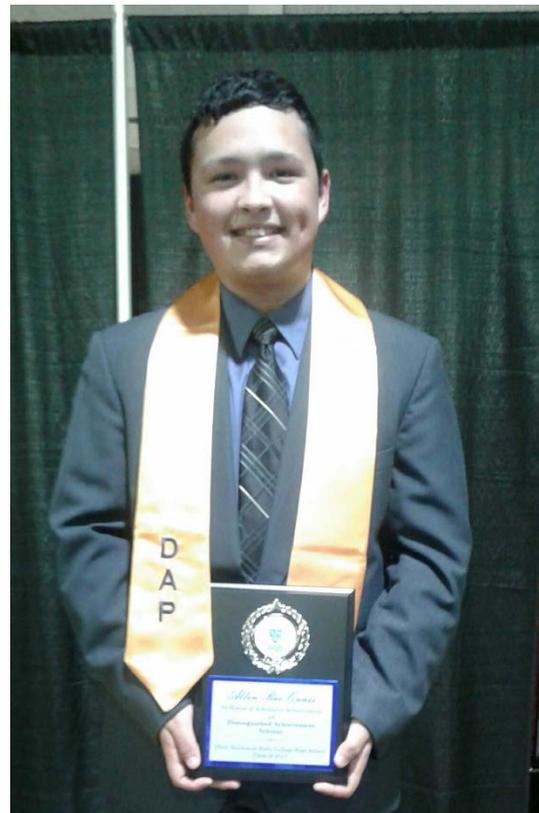
I saw people from universities in my high school's career fair that were a part of the STEM programs there. They all told me that it was a great thing to have interest in.

How do you picture your future, in higher education and career?

Civil engineer and possibly mechanical engineer.

What challenges do STEM students face when following through with their interest in STEM fields?

They look for a lot of stuff when you apply. It's very difficult to get into a program in this field, but if you try hard and have everything they ask for, then you'll be fine.



ACT thanks STEMPremier for sharing student STEM profiles for this report.

