

# The State of STEM in Your State – 2017



## OKLAHOMA STATE REPORT

The average STEM score for Oklahoma's graduating class of 2017 was **19.5**.

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

	Math	Science	STEM
<b>Met Benchmark</b>	26%	26%	11%
<b>Within 1-2 Points of Benchmark</b>	9%	16%	8%

### Oklahoma College Readiness Benchmark Percentages by Race/Ethnicity

Race	Math	Science	STEM
2 or More Races	27%	29%	11%
White	33%	34%	14%
Pacific Islander	15%	8%	3%
Hispanic	16%	15%	5%
Asian	59%	48%	32%
Native American	15%	16%	4%
Black	9%	9%	2%

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

### Tomorrow's STEM Workforce in Oklahoma

19,794 Oklahoma students, or 47%, had an interest in STEM, but only 6,620 (16%) 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).

Oklahoma's future STEM educator pipeline may be in danger—only 68 students planned to enter math education, and only 32 science education.

# OKLAHOMA STEM STUDENT PROFILE

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## Samarie Azzun

Edmond North High School, *class of 2019*

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

Tenth Grade

### **What sparked your interest in STEM?**

During my sophomore year of high school, I had the opportunity of creating and presenting a STEM project about the relationship between cancer and sugar. Although the process was stressful, it got me interested in the STEM field.

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

I want to pursue radiology or research, so I can continuously improve the lives of my community.

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

I believe the difficulty of classes is an enormous challenge students will face when it comes to pursuing their STEM career. That's why perseverance is an important quality to have in order to keep going.

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



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