

# The State of STEM in Your State – 2017



## MONTANA STATE REPORT

The average STEM score for Montana's graduating class of 2017 was **20.6**.

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

	Math	Science	STEM
<b>Met Benchmark</b>	37%	33%	15%
<b>Within 1-2 Points of Benchmark</b>	9%	15%	12%

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

Race	Math	Science	STEM
2 or More Races	32%	29%	12%
White	41%	37%	17%
Pacific Islander	41%	22%	13%
Hispanic	22%	23%	7%
Asian	65%	32%	21%
Native American	8%	7%	2%
Black	7%	13%	0%

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

### Tomorrow's STEM Workforce in Montana

2,332 Montana students, or 23%, had an interest in STEM, but only 908 (9%) 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).

Montana's future STEM educator pipeline may be in danger—only 5 students planned to enter math education, and only 1 science education.

# MONTANA STEM STUDENT PROFILE

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## Sage Lindsay

Bozeman High School, *class of 2018*

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

Eighth Grade

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

I had Mr. Kraft for Math in 8th grade. He encouraged me to become a Montana Mathlete. I found that I could keep up with the other kids.

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

Engineering

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

I think a challenge for STEM students is not only the challenging classes, but the perception by other students that the classes are too hard and no fun.



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



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