

Iowa's STEM Council invented the *STEM Scale-Up Program* in 2012, now replicated in five U.S. states.

Over 1 million Iowa youth have taken part in Scale-Up.

TOMORROW  
**STEMS**  
FROM IOWA

GOVERNOR'S STEM ADVISORY COUNCIL

dedicated to building a strong STEM education foundation for all Iowans

**In 2011 Iowa's STEM Council created the first community STEM Festival in Coralville.**

**Today there have been over 250 STEM Festivals throughout Iowa, serving 150,000 youth and adults.**

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**In 2014 Iowa's STEM Council invented the STEM BEST® Program at four sites. Today there are 118 models connecting thousands of students with workplace partnerships.**

*Businesses Engaging Students and Teachers*

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**In 2012 Iowa's STEM Council added the STEM Teacher Externships Program to the portfolio, now replicated in six U.S. states and regions.**

***>800 teachers have spent summer in industry and other workplaces.***

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**In 2016–17 Iowa STEM initiated 3 Quality Pre-Apprenticeships  
and helped launch the first high school Registered  
Apprenticeship.**

**Today there are more than 170 models serving thousands of  
students**

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# In 2020, Iowa's STEM Council launched 12 Computer Science Elementary Schools

A total of 33 schools/districts engaged, impacting thousands of students and growing.

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**In 2022 Iowa's STEM Council conceived of School District Work-Based Learning Plans, supporting 12 Iowa school districts to write WBL Plans.**

**Those plans now guide replication in scores of Iowa school districts.**

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Forty-five professionals in STEM fields have transitioned to high school teaching since 2022 thanks to STEM Council support.\*

*\* Regents Alternative Pathway to Intern Licensure (RAPIL)*

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The first-ever state STEM evaluation funded by the *National Science Foundation* was Iowa STEM in 2013–2017.

*The I-SEE (Iowa STEM Education Evaluation) program remains the annual assessment backbone for Iowa STEM.*

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The White House strategic plan for STEM education, *Charting a Course for Success: America's Strategy for STEM Education* (2018) was modeled after Iowa STEM.

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Iowa STEM will be highlighted December 7 at the *National Academies of Science* in Washington D.C.

for an NAS study on K-12 STEM Education Innovation required by the *CHIPS and Science Act of 2022*

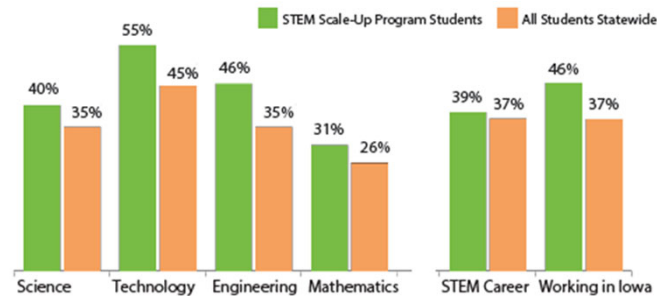
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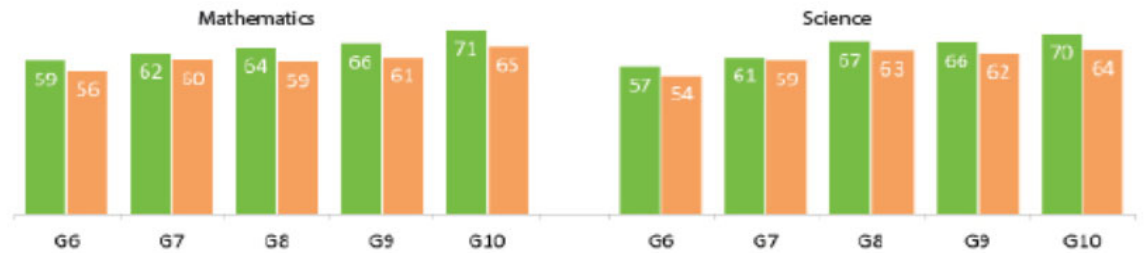
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# The Result...

## STUDENT INTEREST IN STEM



## ACADEMIC PERFORMANCE BY GRADE LEVEL



## After high school...

