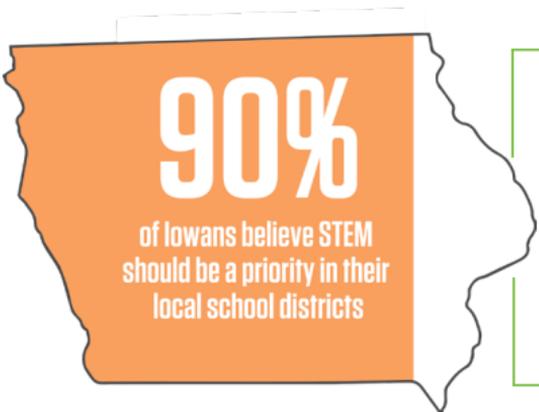




FY2017 IOWA STEM RETURN ON INVESTMENT

The Iowa Governor's STEM Advisory Council is a nationally-acclaimed, public-private partnership of educators, business leaders, non-profits and local and state government officials collaborating to increase student interest and achievement in STEM to meet the employer demand across Iowa. The STEM Council is led by Governor Kim Reynolds and Accumold President and CEO Roger

**GREATNESS
STEMS
FROM IOWANS**

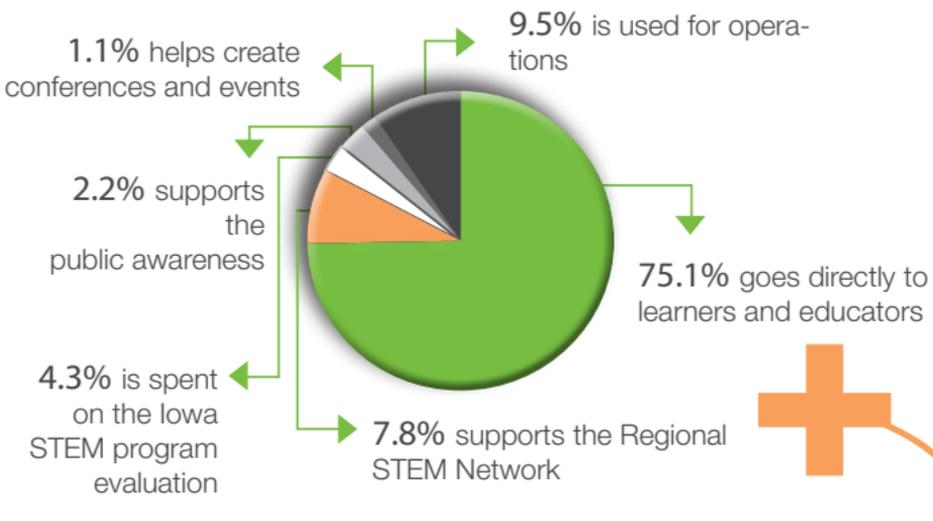


92% of Iowans agree or strongly agree that an increased focus on STEM education will improve Iowa's economy.

90% of Iowans agree there is an urgent need in Iowa for more resources to be put toward STEM education.

PUBLIC SUPPORT OF IOWA STEM

\$5.4 MIL LEGISLATIVE APPROPRIATION



\$3.1 MIL

ADDITIONAL NON-STATE INVESTMENT IN STEM

\$569 K

Corporate Partners



increase in investments over 2015-2016.

\$959 K

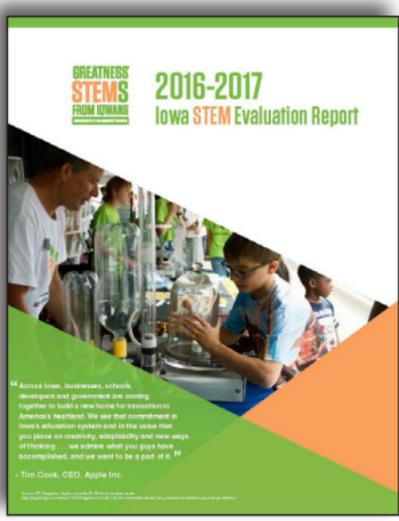
Grants

Iowa Department of Natural Resources
National Governors Association
National Science Foundation
U.S. Department of Labor/

\$1.6 MIL

Cost-Sharing

STEM Scale-Up Program Providers
Regional Hub Institutions
STEM BEST@ Partners
Strategic America
Teacher Externship Workplace



Need more ROI information on Iowa STEM?

Visit:

[www.IowaSTEM.gov/
Iowa-STEM-Evaluation](http://www.IowaSTEM.gov/Iowa-STEM-Evaluation)

Email:

Info@IowaSTEM.gov

KEY INDICATORS FOR STEM IN IOWA



STEM EDUCATORS

70% of STEM Scale-Up Program educators have more confidence to teach STEM

STEM INTEREST



More than 75% of Iowa students aspire to pursue a STEM career in 2016-17.



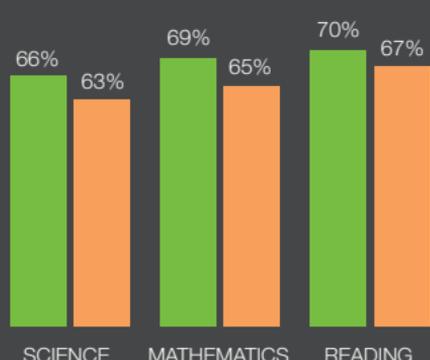
More females with STEM degrees at Iowa's community colleges between 2011-12 to 2014-15.



2012 2016
Students taking advanced placement courses in STEM-related subjects

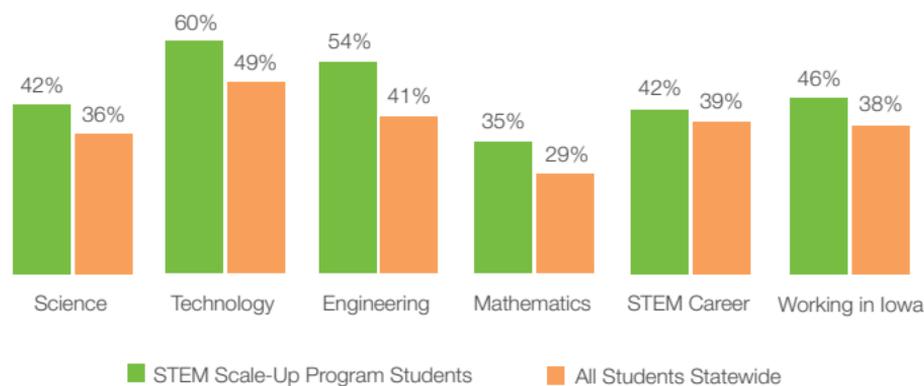
STEM SCALE-UP PROGRAM

1 K-12 STUDENT ACHIEVEMENT IN STEM



On the Iowa Assessments, students who participated in the STEM Scale-Up Program scored higher than students statewide with an average of three percentage points higher in mathematics and reading, four higher in science.

2 K-12 STUDENT INTEREST IN STEM



BUILDING SCHOOL + BUSINESS PARTNERSHIPS

STEM BEST®

Businesses Engaging Students and Teachers



Currently, 37 STEM BEST models awarded.



39 schools and school districts involved.



Engaged as many as 368 business partners on their projects.



IOWA STEM TEACHER EXTERNSHIPS

CONNECTING CLASS TO CAREER



421 Teacher Extern Experiences (Six-week immersions)



134 Iowa Workplaces



\$585,100 approximate cost-share by workplace hosts (\$171,050 this year)

MICROSOFT IMAGINE ACADEMY

6 students earned Master Certifications

17 students qualified for Nationals in Word, Excel and PowerPoint



6,846 student certifications earned since 2014



by 150 schools across Iowa

REGIONAL STEM NETWORK



37 Family STEM Festivals were hosted that impacted 16,725 Iowans in 2016-17.

569 new connections made with business, workforce development, economic development and formal/informal



3,146 followers and 1,095 likes, collectively