

PreK-12 STEM Education Innovations

Board on Science Education - NASEM

December 07, 2023

Iowa STEM – Funding – Structure – Programs – ROI

Jeff Weld, Ph.D., executive director*

*(2011 thru 12-01-2023)

**TOMORROW
STEMS
FROM IOWA**

GOVERNOR'S STEM ADVISORY COUNCIL

dedicated to building a strong STEM education foundation for all Iowans

1.



2.



3.

Legislative Appropriation

Science, technology, engineering, and mathematics (STEM)
collaborative initiative

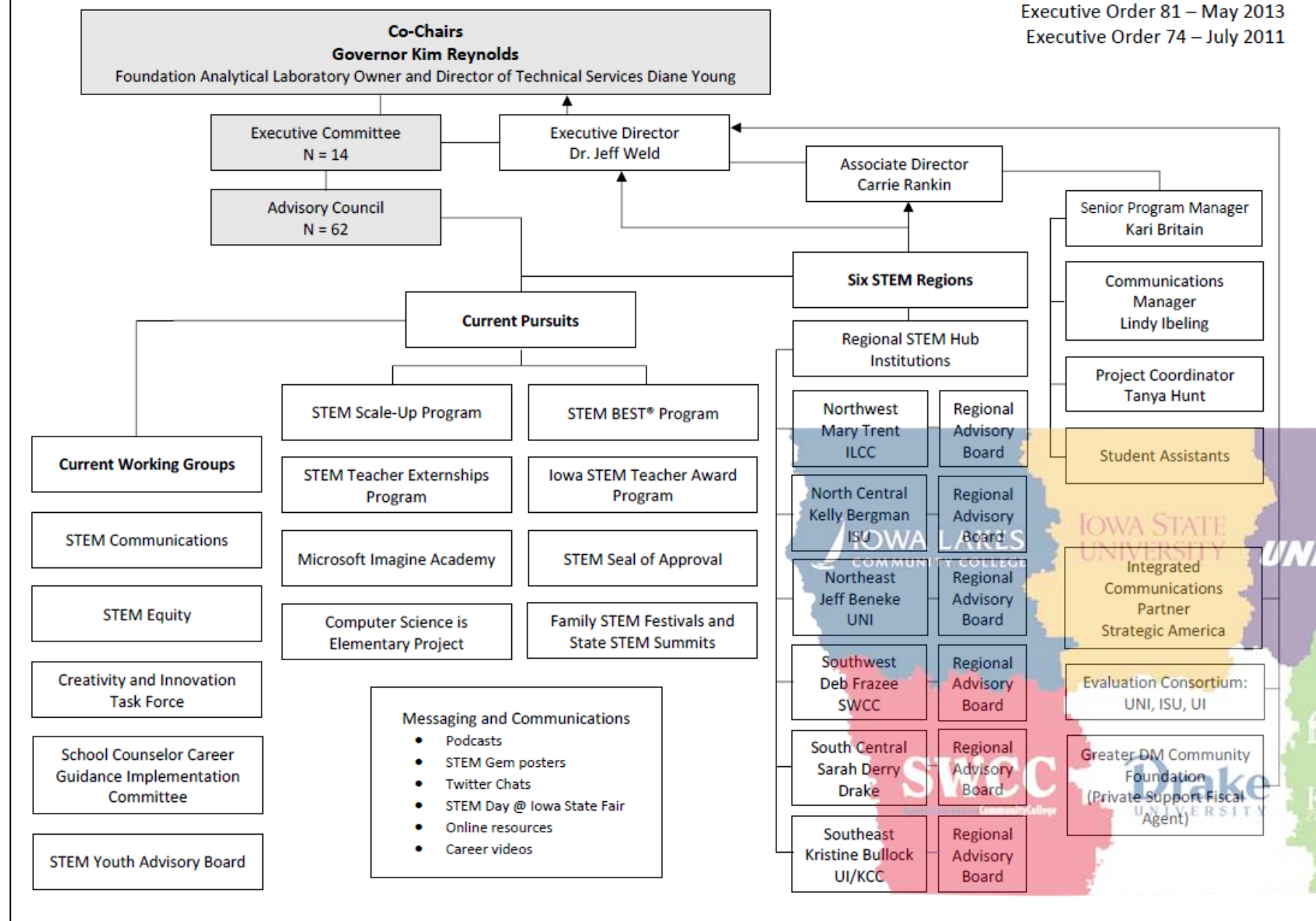
For purposes of the science, technology, engineering, and
mathematics (STEM) collaborative initiative established pursuant to
section 268.7,..... \$ 6,354,848

Structure

Governor's STEM Advisory Council

Executive Order 81 – May 2013

Executive Order 74 – July 2011



Programs

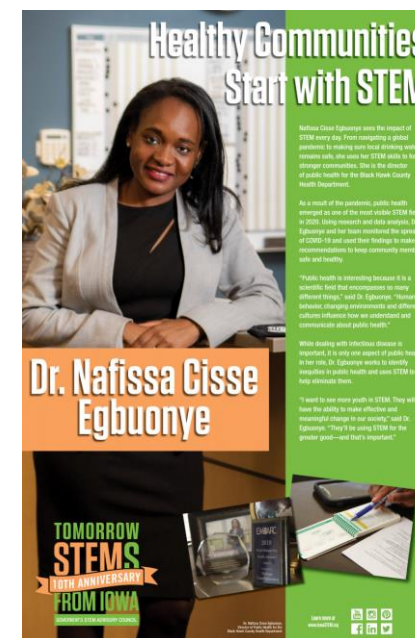
STEM
SCALE-UP
PROGRAM

STEM BEST
PROGRAM

IOWA STEM TEACHER
EXTERNSHIPS
PROGRAM

IOWA STEM TEACHER
AWARD
Proudly Sponsored by: **KEMIN**

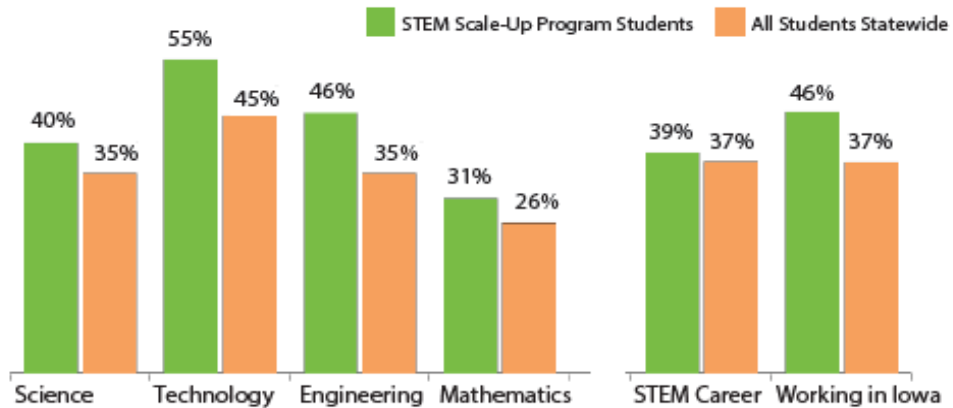
*Summits, Festivals, Teacher Scholarships
Comp Sci Elementaries, WBL District Plans,
Newsletters, Blogs, Podcasts
Career Videos, Seal of Approval
Parent Resources, STEM Gem Posters
Business Resources, Working Groups – DEI,
Rural, Arts, CS, YAB, TV and radio spots*



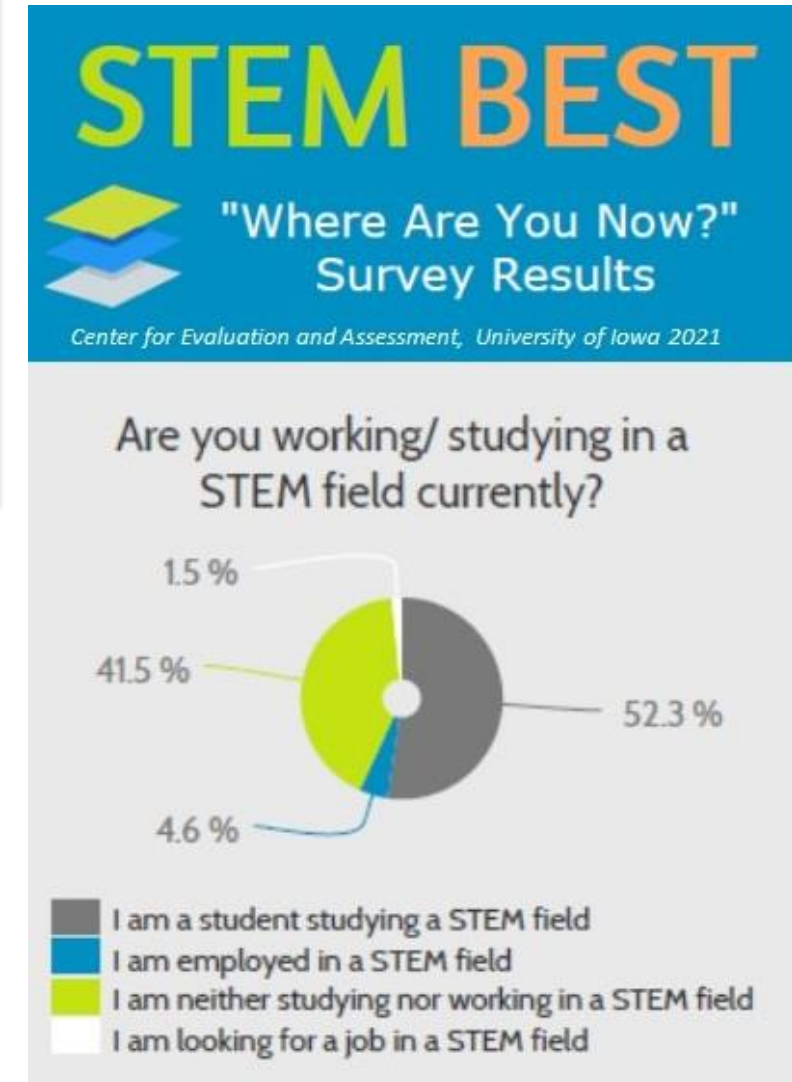
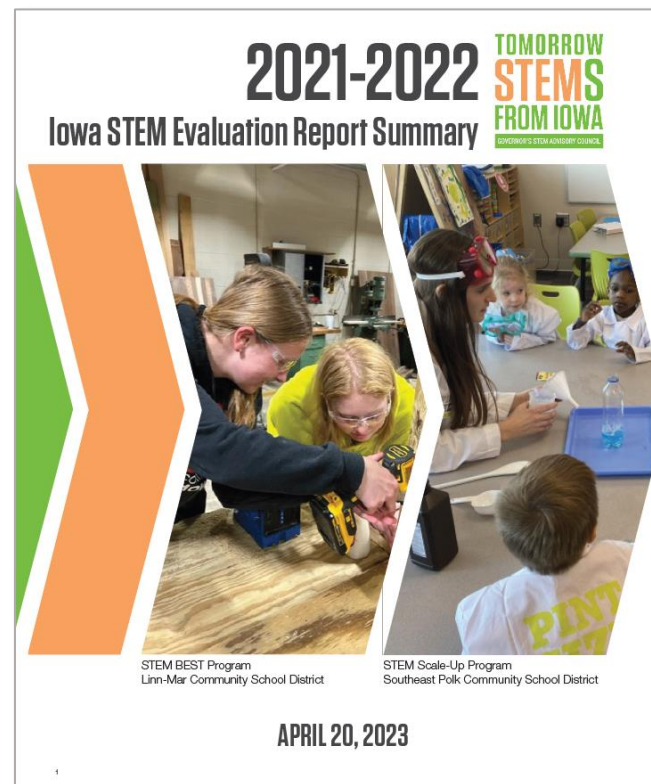
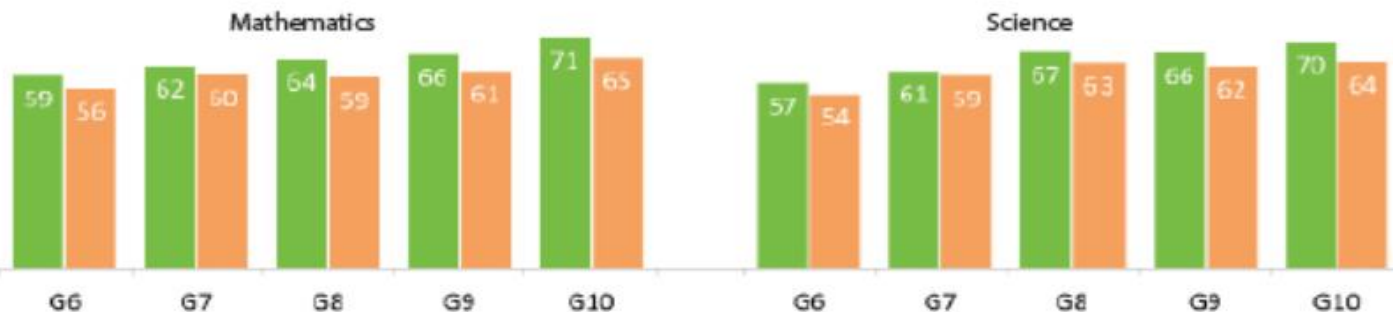


ROI

STUDENT INTEREST IN STEM



ACADEMIC PERFORMANCE



Barriers. Hurdles. Impediments. Constraints