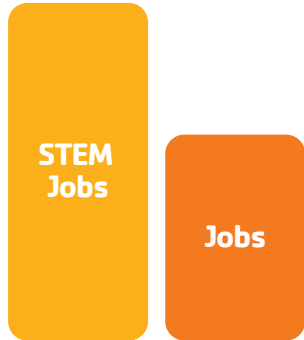




FOR YOUTH DEVELOPMENT®
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

PREPARING ALL YOUTH FOR SUCCESS THROUGH STEM

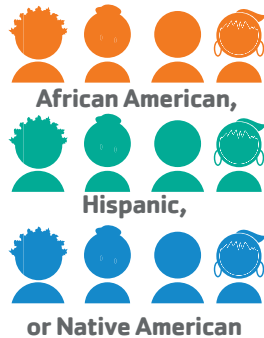
STEM JOBS
WILL GROW
1.5x
FASTER
THAN OTHER JOBS



Source 1

AND, ethnic disparities exist in STEM careers:

ONLY 12%
OF SCIENTISTS
& ENGINEERS ARE



MANY CHILDREN FROM LOW-INCOME ZIP CODES DO NOT PURSUE STEM CAREERS BECAUSE OF EXTERNAL FACTORS SUCH AS:

- lack of exposure
- poorly equipped schools
- lack of role models from STEM backgrounds



Source 2

IN RESPONSE, THE Y IS HOLISTICALLY NURTURING YOUTH THROUGH STEM PROGRAMMING.

We believe in creating experiences that give all youth STEM opportunities to:

- explore STEM careers (with a network icon)
- and to develop decision-making (with a computer monitor icon)
- problem-solving (with a gear icon)
- and critical-thinking skills (with a brain icon)

OUR EFFORTS ARE MAKING A DIFFERENCE.

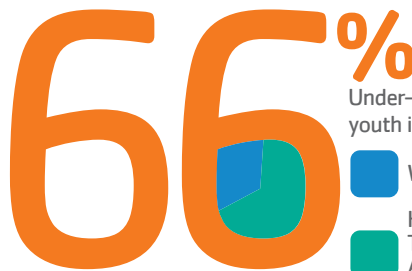
After surveying youth*, we heard:

86% say
"I can test my designs to see if they work."

81% say
"I can do an experiment to answer a question."

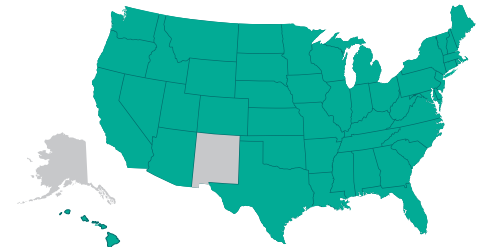
81% say
"I can design and build things and solve problems."

More Opportunities for under-represented youth



- Under-represented youth in STEM
- White & Asian
 - Hispanic, Black, Two or more, American Indian/Alaska native

THE Y'S EFFORTS TO CLOSE THE STEM OPPORTUNITY GAP ARE AT WORK IN 48 STATES.



Learn more at ymca.net/youth-development or email pam.garza@ymca.net

1. Afterschool Alliance; 2. National Science Board, 2014a. p. Science and Engineering Indicators 2014. Arlington VA: National Science Foundation (NSB 14-01). P. 7 *967 youth