The YMCA of the USA, 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

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

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
- and to develop decision-making,
- problem-solving,
- and critical-thinking skills.

OUR EFFORTS ARE MAKING A DIFFERENCE.

After surveying youth*, we heard:

86% say “I can design and build things and solve problems.”

81% say “I can test my designs to see if they work.”

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

More Opportunities for under-represented youth

66% 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

Source 1
Source 2