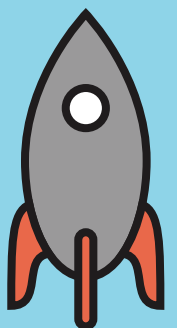
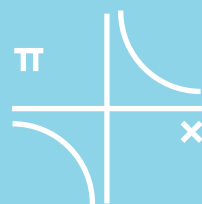
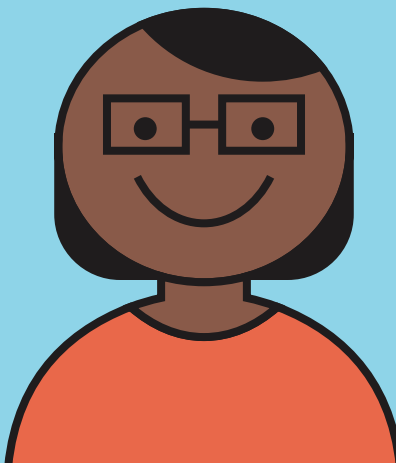
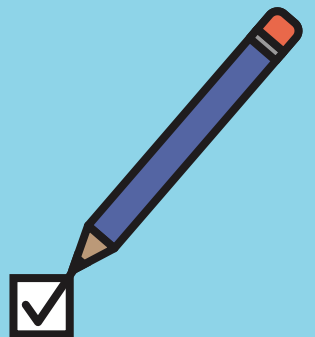
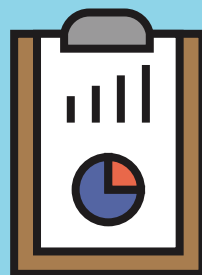
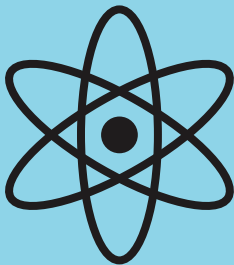
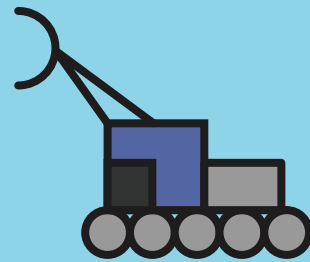
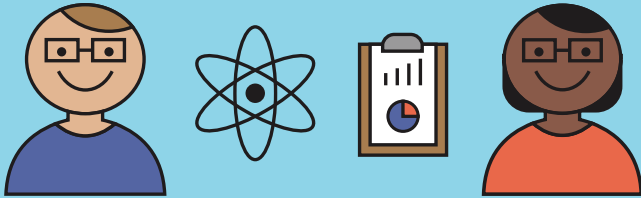


FIRST[®]

THE IMPACT



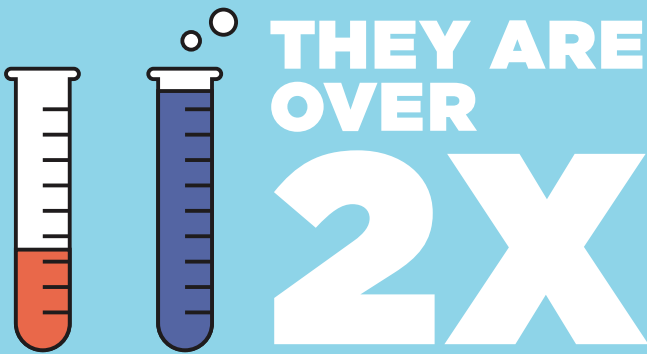
SUBSTANTIAL INCREASE IN STEM INTEREST.



FIRST® participants are **SIGNIFICANTLY MORE LIKELY** to show gains in interest in:

- STEM
- STEM CAREERS
- UNDERSTANDING OF STEM

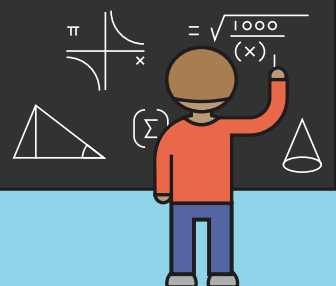
(than a matched comparison group of students)



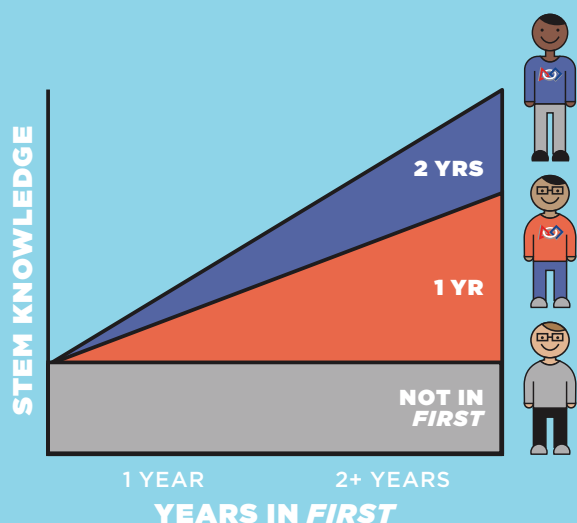
as likely to show gains in their interest of **STEM**

(than a matched comparison group of students)

87% OF PARTICIPANTS PLAN TO TAKE A **MORE CHALLENGING** MATH OR SCIENCE COURSE

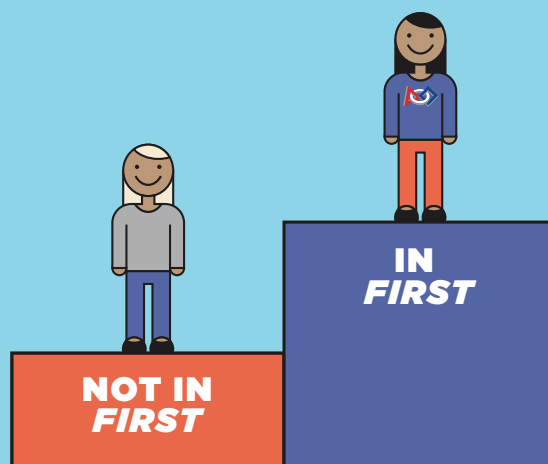


SUBSTANTIAL INCREASE IN STEM UNDERSTANDING.



STEM KNOWLEDGE CONTINUES TO GROW THE LONGER YOU STAY

Students who persist in *FIRST* for more than one year show significantly greater gains than those who left after a single year.



THE IMPACT ON GIRLS IS SIGNIFICANT

Females in *FIRST* have a dramatically increased understanding of STEM compared to females in the comparison group.

“Through *FIRST*, I was able to discover my passion for robotics and gain some amazing life opportunities that have led me to the path that I am on now.”

- Jordan Burkland, *FIRST* Alumnus

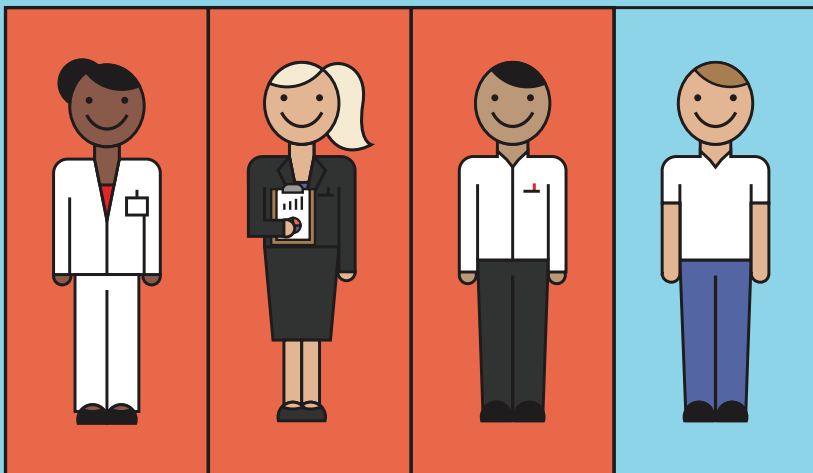
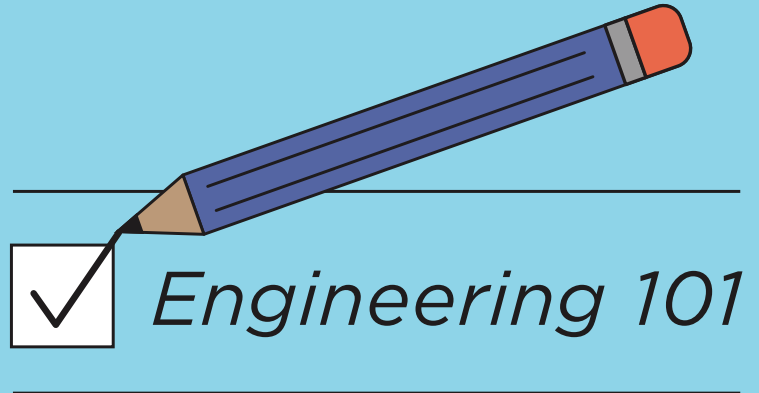
READY FOR A CAREER IN STEM.

FIRST ALUMNI ARE

2.6x

more likely to enroll in an
ENGINEERING
course their freshman year

(than a matched comparison group of students)



OVER
75%

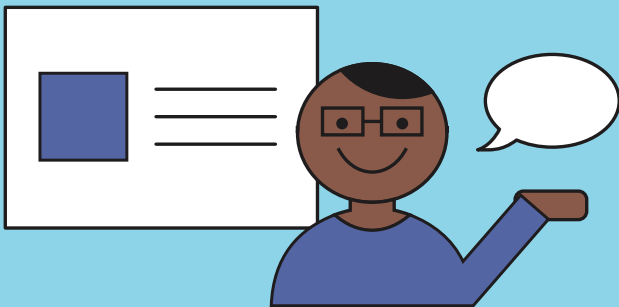
of *FIRST* Alumni are in a
**STEM FIELD AS
A STUDENT OR
PROFESSIONAL**

GAINS IN WORKFORCE SKILLS.



COMMUNICATION

76% of students reported gains



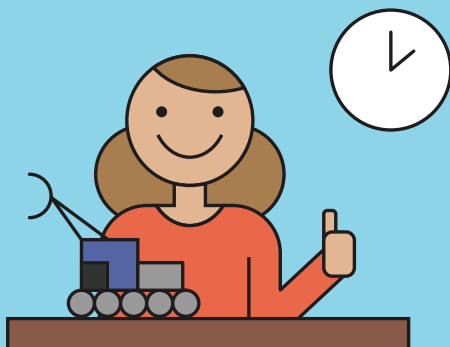
CONFLICT RESOLUTION

93% of students reported gains



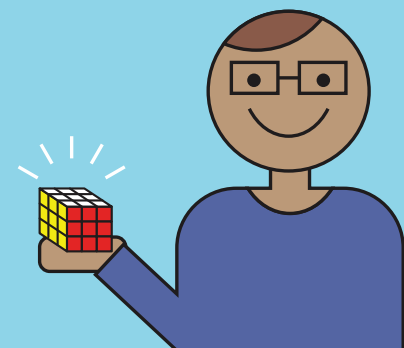
TIME MANAGEMENT

95% of students reported gains



PROBLEM-SOLVING

98% of students reported gains





LEARN MORE AT
firstinspires.org/impact

Based on decades of findings from external evaluations, external studies as well as internal surveys. Comparison claims based on data from *FIRST*® Longitudinal Study comparing average gains for *FIRST* participants vs. comparison students taking into account differences between the groups at baseline.

SOURCES:

Brandeis University (2016). *FIRST*® Longitudinal Study: Finding at Follow-Up. Waltham, MA.

FIRST®, 2015 *FIRST* Alumni Survey.

Brandeis University, 2011 *FIRST*® Tech Challenge – *FIRST*® Robotics Competition Evaluation & 2013 *FIRST*® LEGO® League Evaluation.