FIRST® Robotics Competition IMPACT

The majority of *FIRST* Robotics Competition participants participate in key STEM activities on the team and experience gains in a number of outcomes, for example:

STEM AWARENESS, SKILLS, INTENT

86% 87% 37% 93%

Design the robot or part of the robot

Build the robot

Program the robot

Explain process in designing a robot

83%
Interested in becoming a scientist or engineer

93%

Gained mechanical/ technical skills 92%

Increased interest in going to college

Increased interest in doing well in school

96%

Increased desire to learn more about STEM

Greater STEM awareness

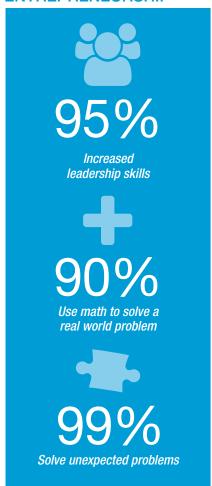
91%

More interested in a job or career in STEM 21ST CENTURY WORK-LIFE SKILLS



Solve disagreements

LEADERSHIP, INNOVATION, ENTREPRENEURSHIP



Source: Cross Program Evaluation of the FIRST® Tech Challenge and FIRST® Robotics Competition (2011). Center for Youth and Communities, The Heller School for Social Policy and Management, Brandeis University

