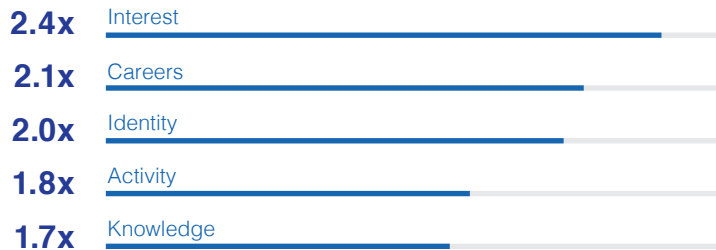


5 Ways FIRST Aligns to Goals for Learning Outcomes with 21st Century Students

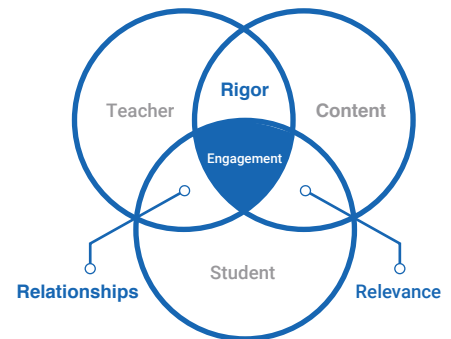


FIRST Student Outcomes

FIRST students are significantly more likely to show gains in STEM outcomes than comparison students.



Rigor, Relevance and Relationships



Rigor

Facilitators guide a student-led, engaging experience involving activities related to robotics, coding, engineering, research, or innovative design that is experienced in a cross-curricular environment.

Relevance

Students acquire technology literacy by experiencing authentic activities with ties to STEM careers that build technical and holistic skills through real-world problem solving.

Relationships

Students are engaged in a mentor-based program that fosters pathways to STEM careers with the mission of building a better society and activating students to action in their communities.



Project-Based Learning

FIRST seeks to blend training and education through project-based learning that creates authentic learning opportunities through experiences provided by our programs, both competitive team and classroom-based opportunities.



Intellectual Challenge



Authenticity



Public Product



Collaboration



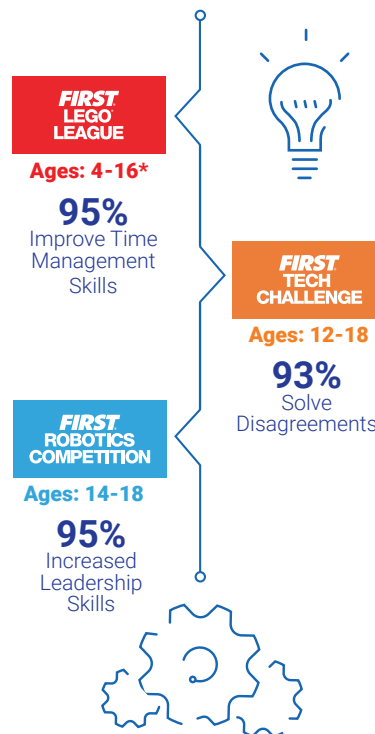
Project Management



Reflection

More Than Robots

Education today in the U.S. is more than teaching facts and figures. Social and emotional learning in practice happens during participation in FIRST.



*Ages vary by country

Career Readiness

FIRST strengthened post-high school success

83%
of students report feeling more confident in leadership roles

74%
of students feel more prepared for college courses

72%
of students gained access to mentors and peers in STEM