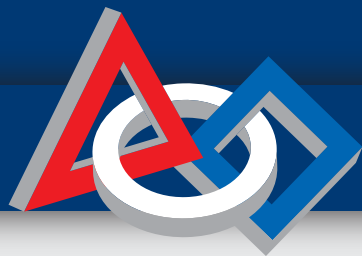


# FRC

FIRST® Robotics Competition



## The **FIRST**® Robotics Competition: **SUCCESS**

*Building Academic Success in Science & Technology*

**70%** of FRC® alumni reported an increased motivation to do well in school.

**88%** of FRC alumni went on to college.

**80%** of schools reported **FIRST** involvement has led to the creation of new courses and/or integration of robotics instruction into existing classes.

### Building Academic Success

#### Case History:

East Technical High School, Cleveland, OH

“Just 5 years ago, East Tech, an urban high school located in the center of Cleveland’s most impoverished housing project was slated for closing.”

“What **FIRST**® opened up for these students can be seen in their achievements... We’ve become the science/engineering magnet school for all the district. More students try out for the **FIRST** team than for football and basketball combined.”

“12 students, including 5 females, representing the first class to experience four years in **FIRST**, all from inner city neighborhoods, all received scholarships and went on to the following schools:

*Case Western Reserve; Cornell; MIT; University of Dayton; Cleveland State; Air Force Academy; Ohio State; Allegheny College; Mount Union College; Georgetown.”*

Mr. Jerome Seppelt  
FIRST Program Manager  
East Technical High School, Cleveland, OH

- **At Chatsworth High School in inner city Los Angeles**, where 60% of students graduate and less than half go on to college, every **FIRST** participant graduated on time, attended college, and many enrolled in Honors and Advanced Placement courses
- **At Joseph C. Wilson High in inner city Rochester, NY**, every **FIRST** team member has graduated. Graduates have attended Cornell, Harvard, Penn State, Rensselaer Polytechnic Institute, Rochester Institute of Technology, Stanford, SUNY, and Tufts
- **At Pennsylvania’s William Penn High School**, about 17% of students drop out, 50% do not attend college. Every **FIRST** participant has graduated and gone on to college or technical school. The 01-02 team received more than \$250,000 in scholarships



### EAST TECH HIGH SCHOOL IMPROVEMENTS

	From	To
Enrollment	900	1400
Attendance	60%	82%
Passed State Proficiency Test	3%	71%

*“Only one partnership has caused a fundamental change in both our institution and the young people it serves. FIRST has inspired and revitalized the Wilson teachers. The effect on our young people has been a profound one. Never in my long experience as a high school principal have students been so totally absorbed in a project.”*

Suzanne Johnston  
Principal

Joseph C. Wilson Magnet High School, Rochester, NY



FOR INSPIRATION AND RECOGNITION OF SCIENCE AND TECHNOLOGY **FIRST**

# Get Involved!

Join or start a team in your area



Sponsor a team, event, or local *FIRST* program



Become a team Mentor or Coach



Volunteer to fill over 100 roles

For information about *FIRST*® in your area:

**[WWW.USFIRST.ORG/CONTACTUS](http://WWW.USFIRST.ORG/CONTACTUS)**  
**603-666-3906**



**FIRST® Robotics Competition**

**FOR INSPIRATION AND RECOGNITION OF SCIENCE AND TECHNOLOGY**

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**[WWW.USFIRST.ORG](http://WWW.USFIRST.ORG)**

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