

FIRE NSBE JR

FUTURE INNOVATIVE RISING ENGINEERS

FIREWORKS EDUCATION

501(c)(3) Non-profit, 100% Volunteer

www.firensbejr.org

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PASSION & POTENTIAL

FIRE birthed out of the desire to IGNITE the passion of under-represented, under-privileged youth in the STEM and STEAM fields. Our organization provides students an opportunity to compete and thrive in the STEM field. Youth participate in STEM competitions, prepare for internships as high school students, develop technical capabilities, engage professional engineers, prepare for standardized testing, and improve soft skills. Plus, we have fun by introducing STEM as a competition.

PROGRAM

COMPETITIONS

- Try-Math-A-Lon, MathCounts SAT/ACT/PSAT Prep (HS, MS)
- Vex EDR/IQ & FLL Robotics and team building (MS, HS)
- Ten80 Racing Engineering, Proj. Mgmt & Entrepreneurship (MS, HS)
- Tech Entrepreneurship JA Business, Marketing, Logistics (MS, HS)
- F.A.V.E Science, Innovation, AV/AI, Design (HS, MS, Elem)
- TARC & NASA ROADS Rocketry, Aero, Robotics (HS, MS)

ENRICHMENT

- Prof. Development and Tech Entrepreneurship
- Tutoring, Coaching, & Mentoring
- SAT/ACT/PSAT Preparation
- Principles of Engineering
- Financial Literacy
- 3D Printing & Maker Space

PROMISE & PURPOSE - OUTREACH

- OVER 2000 students at NASA 60th Anniversary and Bi-Annual Goddard Day
- 30 students annually at the FGCG Mentoring Program
- Over 200 students At FIRE STEM Workshop | Over 1000 students at CLF Maker FEST
- 100 Students Build and Launch Rockets at FIRE Annual Rocket Day!
- Developed Multiple 'Go-Baby-Go' Vehicles for Mobility Impaired

(New Partnership Opportunity) – FIRE First Fruits – Serve homeless shelters, Title I schools, Churches, and Juvenile Detention Centers the first Saturday of every month with STEM, fun, resources, and food

- 2021 NATIONAL Ten80 AV 1st Champ
- 2020 NASA ROADS Winners
- 2019 NSBE Ten80 Grand Champion
- 2019 TMAL 1st & 4th Place Nationwide
- 2019 NSBE Vex EDR 4th Place
- 2018 TMAL 2nd Place Nationwide

- 2018 VEX ROBOT DESIGN AWARD
- 2016 NSBE FLL Robot Award
- 2016 NSBE Ten80 1st Place Race
- 20+ STEM HS Internships Awarded
- 100% Of Students Pursue STEM

PRESS & AWARDS

