

N F P A Fluid Power ACTION Challenge

Through a wide array of middle school, high school, and college programs, NFPA provides a bridge from the classroom to industry by engaging students in fluid power education and connecting them to related career paths. NFPA's Fluid Power Action Challenge allows middle and high school students to participate in hands-on event and work on key skills as they compete against other teams to solve an engineering problem.

Workshop Day

Teams are given a full kit of tools to build a solution to the challenge. In the coming weeks they fine tune their skills, develop a plan and build their prototype.



CHALLENGE DAY

Teams use the portfolio they've created and a new kit of identical supplies to follow their own directions and recreate their unique device.



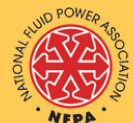
TEAMS ARE JUDGED ON THESE CATEGORIES:



FLUID POWER ACTION CHALLENGE BENEFITS:

- GIVES SUPPORT & RESOURCES TO TEACHERS FOR STEM CURRICULUM
- HANDS-ON LEARNING COLLABORATION, PROBLEM SOLVING, & TIME MANAGEMENT & COMMUNICATION SKILLS
- INTRODUCES STUDENTS TO A VARIETY OF INDUSTRIES AND CAREERS THAT INVOLVE FLUID POWER

NFPA understands that estimating costs is critical when evaluating educational opportunities. That's why NFPA offers a \$500 grant, that schools can apply for annually, to help keep fluid power education in their classrooms.



NFPA
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For more information visit or contact:

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<https://nfpafoundation.org/>