# NFPA 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 a hands-on event and work on key skills as they compete against other teams to solve an engineering problem.**

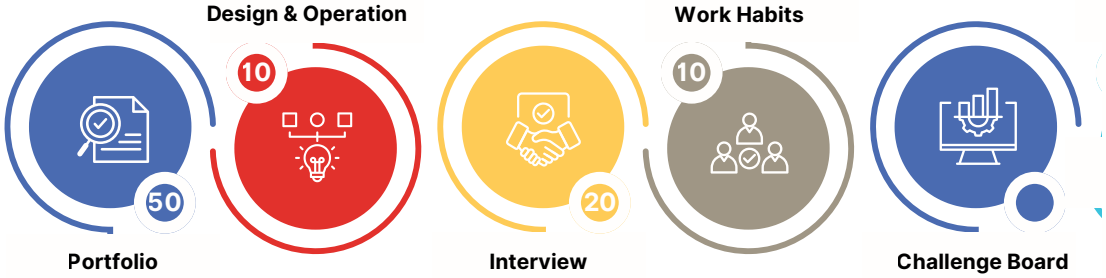
**Workshop Day**
Teams are given a full kit of tools to build a solution to the challenge. In the coming weeks they fine tune their skills, develop a plan and build their prototype.

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





## TEAMS ARE JUDGED ON THESE CATEGORIES:




## FLUID POWER ACTION CHALLENGE BENEFITS:

- PROVIDES SUPPORT & RESOURCES TO EDUCATORS TEACHING A STEM CURRICULUM
- STUDENTS PRACTICE HANDS-ON LEARNING, COLLABORATION, PROBLEM SOLVING, & TIME MANAGMENT & COMMUNICATION SKILLS
- INTRODUCES STUDENTS TO A VARIETY OF INDUSTRIES AND CAREERS THAT INVOLVE FLUID POWER

**NFPA understands schools must estimate and evaluate costs when considering educational opportunities. To help reduce barriers, schools can apply for NFPA's Fluid Power Grant, which can help keep fluid power education in the classroom.**

NFPA Education and Technology Foundation

**Learn more at www.nfpa.com/workforcedevelopmentnew or contact us at Workforce@nfpa.com**