



Massachusetts Institute of Technology

THE TEAM

The MIT Rocket Team is an independent student group focused on the rigorous engineering of rocket projects and K-12 educational outreach. During its 18-year history, the Team has pursued a wide range of projects, including a custom bipropellant liquid engine, deployable UAVs, and plasma flow modification experiments. This is the Team's third year at IREC. The Team has supported 10 high-power rocketry certifications and at least one outreach event per month this year. The Rocket Team is currently composed of 35 undergraduate students, 2 graduate students, and a faculty advisor.



Outreach Activities



Fig 1: Hana, 5, and her younger brother Adam, 3, set up mini bottle rockets with the help from Team member Kelly Mathesius, as part of the 11th annual Cambridge Science Festival. [Wicked Local Photo/James Jesson]



Fig 3: This year, the Team mentored a group of local high school girls with their entry to the Team America Rocketry Challenge.



Fig 2: Our IREC project from 2016 enjoys retirement as a tool to inspire the next generation of rocketeers. Over 100 middle school students attended this event alone.



Fig 4: Team members Piper Sigrest and Ricardo Rodriguez Garcia demonstrate how math is critical to the construction of these Level 1 rockets at an MIT Museum event.

VISIT

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