

# MODEL ROCKETRY SAFETY

## What is Model Rocketry?

- Model rocketry is a miniature form of aerospace engineering!
- Model rocketry has been inspiring students to pursue careers in STEM fields since 1958. With Estes Education, over 379,280 students built model rockets in 2024 alone!
- It has become a global hobby, with more than 12 million flights annually and in 25,000 schools across the United States.

## Is Model Rocketry Legal?

- Model rockets are legal in all 50 states and under federal regulations, though some local jurisdictions may have specific restrictions.
- They are exempt from FAA air traffic control, meaning they can be flown without FAA clearance.
- Organizations such as the Scouts, 4-H Clubs, the Civil Air Patrol, and NASA all endorse and use model rockets!
- Model rockets are recognized as different from fireworks under all State and Federal legal codes.

## Is Model Rocketry Safe?

- Over 500 million model rockets have been launched since the hobby began. By following the NAR Safety Code, accidents and injuries have been almost totally eliminated!
- Model rocketry boasts an excellent safety record, particularly when compared to most other outdoor activities.
- The simple Model Rocket Safety Code of the National Association of Rocketry has been developed over the last 50 years by professional engineers and safety experts to ensure the safety of both participants and spectators.
- Key safety rules include rockets must be electrically ignited from a safe distance with prior warnings to those nearby, and rockets must have recovery systems for a gentle and safe landing.

