QUICK PROJECT
ROCKET MOUSE
ROCKET MOUSE
The first animals sent into space were fruit flies aboard a U.S.-launched V-2 rocket on February 20, 1947 from White Sands Missile Range, New Mexico.

The first monkey in space was Albert II, a rhesus monkey who took off in a U.S.-launched V-2 rocket on June 14, 1949.

The U.S. launched a mouse into space on August 31, 1950 aboard a V-2 rocket.

Instructions:
1. Print as many copies of Rocket Mouse as you need. Hand out small pieces of tissue paper (3x3 inch square) and 4-inch pieces of the yarn to each student.
2. Cut out Rocket Mouse then flip it over and tape the tail to the bottom curved edge. Flip Rocket Mouse back over.
3. Using the glue stick, apply glue to the space marked by diagonal lines.
4. Carefully shape Rocket Mouse into a cone. If this is too difficult, Rocket Mouse can be folded into a flat triangle by folding the paper over the glued area. Rocket Mouse can then be shaped into a cone by squeezing the two creases.
5. Fold the tissue paper in half and draw a circle with an edge touching the fold. Carefully cut out the circle without cutting the fold. Glue the tissue paper to the pointy end of the cone to create Rocket Mouse’s ears.
6. To make Rocket Mouse fly, place it on the mouth of the bottle or milk jug. Place your hands on either side of the bottle and bring them together, as if to clap. With a loud bang, Rocket Mouse will blast off!

SUPPLIES
Rocket Mouse template
Gift wrapping tissue paper
Yarn
2-liter soda bottle or gallon milk jug
Scissors
Tape
Glue stick

STANDARDS
4.PS.2 Investigate the relationship of the speed of an object to the energy of that object.

4.PS.4 Describe and investigate the different ways in which energy can be generated and/or converted from one form of energy to another form of energy.

LEARN MORE!
For in-depth curriculum and worksheets visit AMAFlightSchool.org/ArconicSteam and download the aerolab materials!

CHALLENGE
How high can your rocket mouse fly? What happens if you try different launch containers?
WHATEVER YOU FLY. WHEREVER YOU FLY. AMA HAS YOU COVERED!

Join The Academy of Model Aeronautics.
A membership in the Academy of Model Aeronautics covers you for whatever you fly and wherever you fly. And it doesn’t matter if you fly an airplane, helicopter, park flyer, multirotor, quadcopter, sUAS, FPV, DIY drone, or even an aerial robot, we offer you peace of mind through insurance coverage whether you take off from the club field, park, or your own backyard. Just join the AMA, fly for recreational fun, and operate within the AMA National Model Aircraft Safety Code, then you and 195,000 of your fellow members are cleared for takeoff.

Enjoy More with AMA.
Your membership includes Model Aviation, a monthly magazine featuring “how-to” articles, columns, product reviews, AMA member features, district and industry news, an event calendar, and more. You can also add Park Pilot, our quarterly magazine, for only $9.95. We also offer digital editions of our magazines!

LEARN MORE AT WWW.MODELAIRCRAFT.ORG