



# LAUNCH A STUDENT'S MIND!

*See What Rocketry Can Be!*



## Free Online Resources for Educators

- **Safety Overview** — Explain rocketry safety issues to parents or school administrators with our guide.
- **NAR Model Rocket Safety Code** — The official code of rocket safety, used as reference by the National Fire Protection Association.
- **Youth Group Guide** — Flying rockets as a class activity? You can't be without these hints to make your launch a success.
- **Science Fair Guide** — Help students prepare for a science fair with our five-page manual, containing tips for organizing a project, presentation ideas and suggested projects.
- **Technical Reports** — Provide students with in-depth explanations of rocket stability, altitude prediction, design, construction, and more.
- **Need Help?** — NAR members and clubs (sections) are more than willing to offer assistance in your teaching activity. Find a section close to you at: <http://nar.org/NARseclist.asp>.



**National Association  
of Rocketry**

Dept. 0506, Box 407, Marion, Iowa 52302-9998  
E-mail: [nar-hq@nar.org](mailto:nar-hq@nar.org) Phone: 1-800-262-4872

**Your Rocketry Resource:  
WWW.NAR.ORG/TEACHER**

**Have Educator Questions?  
Contact: [education@nar.org](mailto:education@nar.org)**



**Model Rocketry is  
Exciting Math & Science  
EDUCATION**



## **The NAR Is Model Rocketry!**

The NAR is all about safety, fun and learning more with and about sport rockets. We are the oldest and largest sport rocketry organization in the world. Since 1957, over 80,000 serious sport rocket modelers have joined the NAR to take advantage of the fun and excitement of organized rocketry.

## **Launch Student Learning with NAR Educational Materials!**

If you're a teacher, the NAR can help engage and energize your students with our educational resources and 40+ years of model rocket expertise. **Check out our Educator CD at [www.nar.org/teacher](http://www.nar.org/teacher), along with other educational materials.** Check out our e-mail education newsletter, which is full of great model rocket resources.

## **Participate in the Team America Rocketry Challenge**

(TARC) is an aerospace design and engineering event for teams of US secondary school students (7th through 12th grades) run by the NAR and the Aerospace Industries Association (AIA). Teams can be sponsored by schools or by non-profit youth organizations such as Scouts, 4-H, or Civil Air Patrol. The goal of TARC is to motivate students to pursue aerospace as an exciting career field, and it is sponsored by various organizations such as NASA, CAP, and the American Association of Physics Teachers. The event involves designing and building a model rocket (3.3 pounds or less, using NAR-certified model rocket motors) that carries a payload of 1 Grade A Large egg for a precise flight duration and to predetermined altitude (measured by an onboard altimeter), and then returns the egg to earth safely.

## **Robert L. Cannon Education Grants**

The NAR offers support to teachers who use rocketry in their classrooms via our Robert L. Cannon Education Grant program. You're eligible to apply for grants if you currently hold a teaching certificate, have a model rocket activity in place at your school, and you're willing to write an article about that experience for our magazine, *Sport Rocketry*. Please download an application for a Cannon Education Grant at [WWW.NAR.ORG](http://WWW.NAR.ORG). You do not have to be a NAR member to apply.

## **NAR Student Scholarships**

The NAR has a number of scholarships available annually to students. The student applicant must be a NAR member in good standing between the ages of 17 and 22, who is planning to attend, or is currently enrolled in a college, university or technical school. Please free free to download our complete instructions and application form for an NAR Scholarship at [WWW.NAR.ORG](http://WWW.NAR.ORG).