

Org-Type Government-based

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Address

URL

Service-Region Nationwide

Type Student Program

Subjects Engineering | Robotics

Level High School (9-12th grade) | Undergraduate

Other-Objectives

Served-per-Year Demographics

**Content** The Great Moonbuggy Race is an annual competition in which student groups construct moonbuggies under certain guidelines and compete against other groups. The 14th Annual Great Moonbuggy Race (2007) was in Huntsville, Alabama, at the U.S. Space & Rocket Center. Students were required to design a vehicle that addressed a series of engineering problems that were similar to problems face by the original Moonbuggy team.

**Outcomes** The objective of this program is to build interest in space for students deciding on a career path. A lot of learning also transpires when students are designing concepts and doing hands on fabrication. The competition may also benefit the design of future moonbuggies as students may provide some insightful products.

Started Funded-Through

Length Ongoing Cost

Primary-Funding Industry Primary-\$

Materials

Other-Funding

How-Assessed

Best-Practice-Why

Promising-Practice

Sponsor Sponsor-Org

Sponsor-Phone Sponsor-Email

**Other-Orgs** Northrop Grumman Corporation. American Institute of Aeronautics and Astronautics (AIAA) ATK Launch Systems, Inc. CBS affiliate WHNT Channel 19 of Huntsville Jacobs Technology Morgan Research Corp. Science Applications International Corporation (SAIC) Tennessee Valley Chapter of the System Safety Society, Inc. United Space Alliance, LLC.