



Rocket Fair

MSFC Activities Building (4316)

Fair Day: April 15

11 a.m.–1 p.m.

Free Pizza!

NASA Student Launch Projects (SLP)

Bragg Farms

Launch Day: April 16

Launches start at 8:30 a.m.

Rain Date

Bragg Farms

Launch Day: April 17

Launches start at 8:30 a.m.

Launch is free and open to the public.

What are the Student Launch Projects?

The NASA Student Launch Projects involve middle and high school, college, and university students in designing, building, and testing reusable rockets with associated scientific payloads. The goal of each team is to reach 1 mile above ground level and return safely to the ground. This year, a level 2 project is being piloted for colleges/universities. Teams placing in the top 5 in the last 2 years were invited to participate. Teams must design, build, and launch a reusable rocket to reach 10,000 feet above ground level with water recovery. These launches will be held at Wallops Flight Facility on May 21, 2011.

Are these projects contests?

University Student Launch Initiative (USLI) — College and University: Yes. Each USLI team is competing for various prizes including a grand prize of \$5,000 sponsored by ATK. The winner will be announced after the final reports are completed.

Student Launch Initiative (SLI) — Middle and High School: No. However, all SLI teams competed and placed in the top at the Team America Rocketry Challenge (TARC) or the Rockets for Schools Competition. As a result, teams were eligible to propose to be a part of this year's SLI.

Information can be obtained from the following:

- USLI: education.msfc.nasa.gov/usli
- SLI: education.msfc.nasa.gov/sli
- Julie Clift at julie.d.clift@nasa.gov or Eddie Jeffries (Jacobs) at edward.m.jeffries@nasa.gov

Launch day information line: 256–961–1334.

Directions to Bragg Farms

1180 Grimwood Road, Toney, Alabama 35773

From MSFC:

1. North on Research Park Blvd. (Hwy 255) to Pulaski Pike.
2. Turn north (left) onto Pulaski Pike.
3. Go 3.6 miles until Pulaski Pike veers to the left. Instead of following Pulaski Pike, go straight onto Patterson Lane. There will immediately be a sharp right turn.
4. After 0.7 miles, turn left on Murphy Hill Road, which is the first road to the left.
5. Take Murphy Hill Road 1.8 miles to Grimwood Road.
6. Turn east (right) on Grimwood.
7. Take Grimwood 0.9 miles to Bragg Farms. The farm will be on the south side of Grimwood Road.

From Downtown Huntsville:

1. Take Hwy 231/431 North to Grimwood Road. Grimwood Road is 5 miles north of Bob Wade Lane and 0.7 miles north of Meridianville Middle School.
2. Turn west (left) onto Grimwood Road.
3. Go 2.5 miles to Bragg Farms. The farm will be on the south side of Grimwood Road.

What to bring:

- Chairs
- Small cooler with lunch and snacks
- Sturdy shoes
- Insect repellent
- Appropriate weather related items: sunscreen, sunglasses, hat, jacket, raincoat, etc.

Safety Statement

Please be advised that hazards are inherent in launching and in viewing launches. By accepting the invitation to view the launch, you indicate your understanding of the potential risk.

Although NASA applies stringent range safety principles and techniques to protect the general public, workforce, and property during launch, in the event of an inadvertent circumstance, hazards including debris, blast, and toxics may occur.

It is imperative that you stay within controlled areas, stay with your group, and strictly follow all instructions provided by NASA.

NASA Student Launch Projects are sponsored by ATK Aerospace Systems with the annual launch event hosted at Bragg Farms in Toney, Alabama. Launch services are provided by the National Association of Rocketry.

2010–2011 SLI Teams

AIAA Orange County Section, Orange County, CA
Clear Lake High School, Houston, TX
Federation of Galaxy Explorers, Chantilly, VA
Goshen High School, Goshen, IN
Hart County 4-H, New Team, Munfordville, KY
Hart County 4-H, Returning Team, Munfordville, KY
Ingraham High School, Team Adams, Seattle, WA
Ingraham High School, Team Olympus, Seattle, WA
Krueger Middle School, San Antonio, TX
Madison West High School, Team Slime Mold, Madison, WI
Madison West High School, Team Bamboo, Madison, WI
Plantation High School, New Team, Plantation, FL
Plantation High School, Returning Team, Plantation, FL
Presidio High School, Team 1, Presidio, TX
Presidio High School, Team 2, Presidio, TX
Rockwall-Heath High School, Rockwall, TX
Star Splitters 4-H, Manitowoc, WI

2010–2011 USLI Teams

Level 1:

Alabama A&M University, Normal, AL
Arizona State University, Tempe, AZ
Embry-Riddle Aeronautical University, Prescott, AZ
Fisk University, Nashville, TN
Florida A&M University, Tallahassee, FL
Harding University, Searcy, AR
Inver Hills Community College, Inver Grove Heights, MN
Iowa State University, Ames, IA
Lafayette College, Easton, PA
Middle Tennessee State University, Murfreesboro, TN
Missouri University of Science and Technology, Rolla, MO
Massachusetts Institute of Technology, Cambridge, MA
North Carolina State University, Raleigh, NC
Northwest Indian College, Bellingham, WA
Pennsylvania State University, University Park, PA
Purdue University, West Lafayette, IN
Shippensburg University, Shippensburg, PA
Tuskegee University, Tuskegee, AL
University of Alabama, Tuscaloosa, AL
University of Central Florida, Orlando, FL
University of Florida, Gainesville, FL
University of Illinois – Urbana – Champaign, Champaign, IL
University of Michigan, Ann Arbor, MI
University of South Alabama, Mobile, AL
University of North Dakota, Grand Forks, ND
University of Washington, Seattle, WA
Utah State University, Logan, UT
Vanderbilt University, Nashville, TN
Windward Community College, Kaneohe, HI

Level 2:

Mississippi State University, Starkville, MS
Mitchell Community College, Statesville, NC
University of Alabama in Huntsville, Huntsville, AL

www.nasa.gov