

Ongoing Projects Sponsored by NASA WVSGC



NASA West Virginia
Space Grant Consortium

Maker Fundamentals Workshop Series



NASA WVSGC continues to support the Robert C. Byrd Institute in expanding the workshops they offer to youth. Multiple camps covering topics like 3D printing, TinkerCAD, MakerBots, physics, and a whole host of other engineering topics give students the opportunity to experience hands-on STEM activities.



West Virginia Robotics



“There is literally no way to thank you [Candy], Majid, Kati and the Space Grant for being the longest sponsor of Robotics Competitions in West Virginia”- Todd Ensign

Green Bank



The FLL team that won first place at the state championship is a team of eight students from Green Bank, WV. They will be traveling to Detroit, Michigan in April to compete in the World Festival tournament. Competing with teams from around the world will be an amazing opportunity for these kids.



Sarah Cole

Green Bank Elementary Middle School
8th Grade

“Robotics has changed my life because before I joined Robotics I had no idea what I wanted to be when I get older, but now I want to be a software engineer. I really enjoy programming and want to build on that. Core values has taught me to treat people with respect and be more optimistic. Finally, going to Worlds will be a life changing opportunity.”

Flaming Unidroids



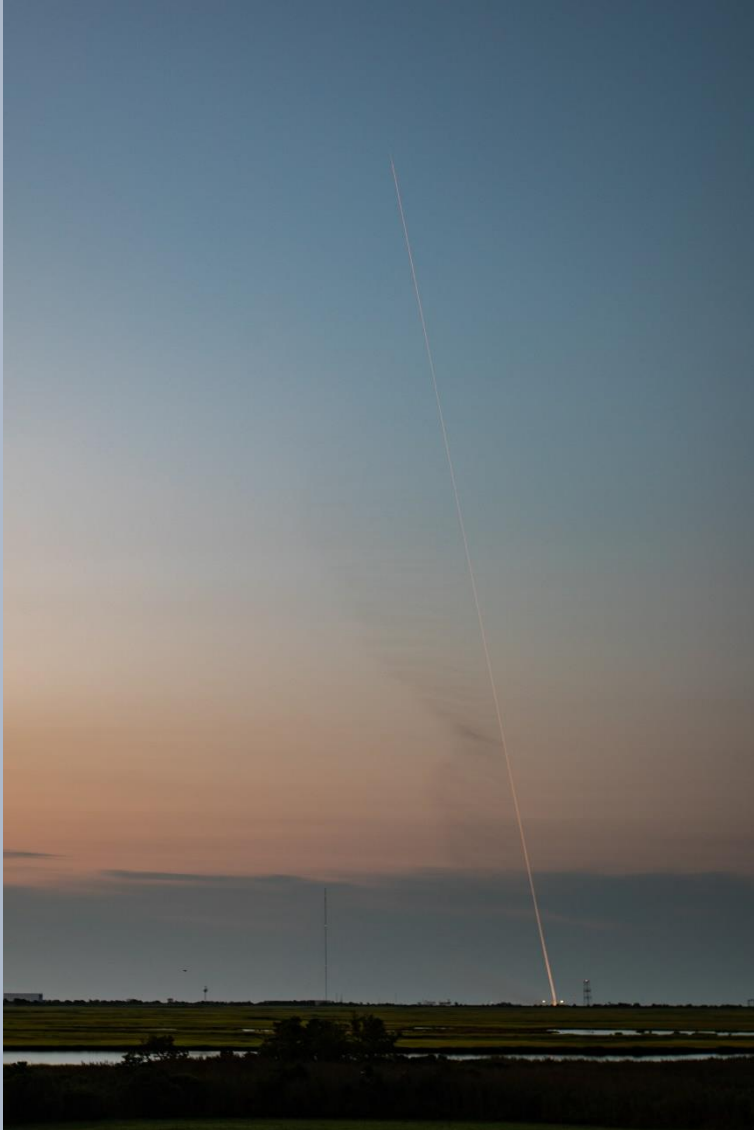
The Flaming Unidroids, a FLL team from Morgantown, secured second place at the state championship at Fairmont State University. This has earned them the opportunity to travel to Montevideo, Uruguay in May to participate in the FLL Open International. They are currently raising funds for travel through gofundme and by meeting with local companies and academic entities. Their coaches also say they are learning Spanish.

STF-1 Updates

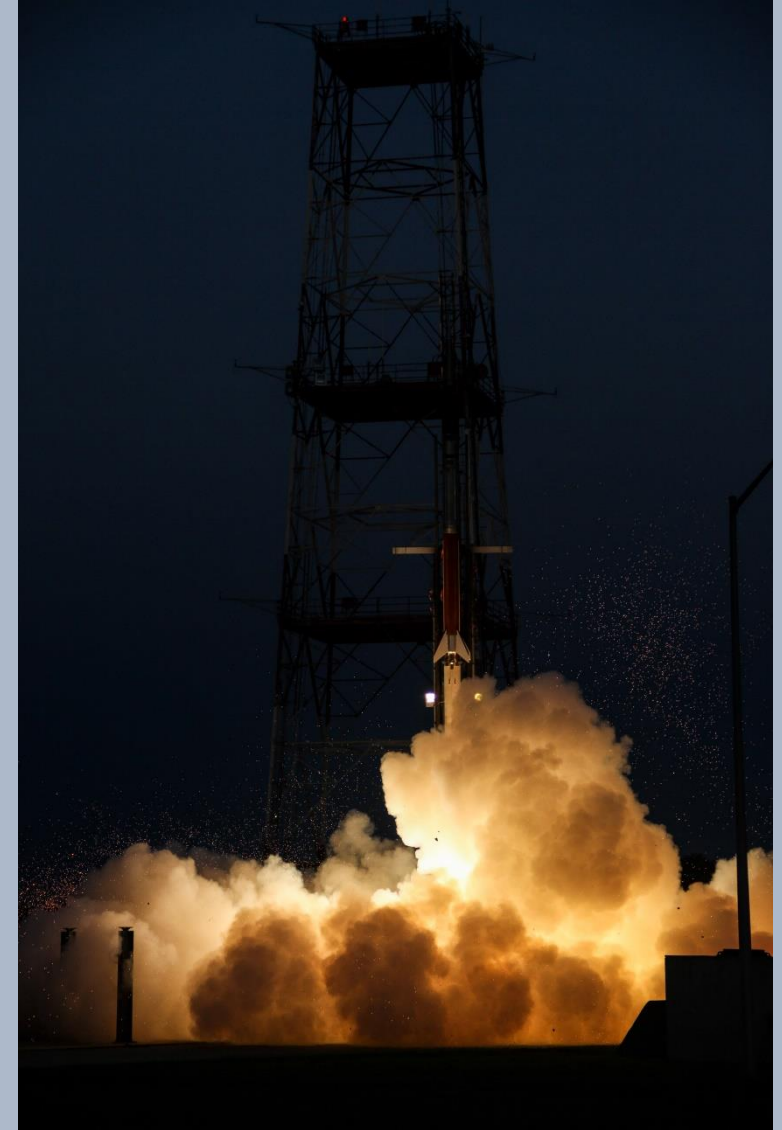


STF-1 continues to send updates back to the team. This picture on the left shows the curvature of the Earth, some cloud cover, space, and the Sun. This image was taken on March 8, 2019. Data analysis process has begun, and the STF-1 team continues to work with WVU science teams in looking at that data.

Space Flight Design Challenge



NASA WVSGC supported students from Marshall University, West Virginia State University, Blue Ridge Community Technical College, West Virginia Wesleyan College, and West Virginia University to travel to Wallops Flight Facility to launch experiments.



NASA WV Space Grant Consortium Footprints



NASA West Virginia

Space Grant Consortium

Monthly Updates

NASA West Virginia Space Grant Consortium
Dedicated to building research infrastructure and the promotion of Science, Technology, Engineering and Math (STEM) education in West Virginia.

For Researchers: Research and Development | For Students: Student Opportunities | For Educators: K-12 & Public Outreach | Community and Technical College: Opportunities

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Monthly Updates

Stay up to date with what we've been up to. New posts made every month!

- Women and Technology Conference**
September 10, 2018

The Women and Technology Conference was held at the Embassy Suites in Charleston, WV. This premier event attracts women working in technology fields, those interested in pursuing or migrating to a tech-focused career, education leaders, industry professionals, agency officials, nonprofit leaders, students and more. Anyone interested in exploring ways to bridge...
[Read more](#)
- RockSat-X Launch!**
August 14, 2018
Teams of students across the state of West Virginia participated in the RockSat-X program this past year through our Space Flight Design Challenge (SFDC) program. The SFDC program is a collaboration between The Hobart and William Smith Colleges in Geneva, New York, and four colleges in West Virginia — West...
[Read more](#)
- Rocket Girls Camp**
July 23, 2018
One of the NASA WWSGC awards in Extension and Public Outreach known as Rocket Girls held a day camp over the summer for 23 girls. The camp was held at West Virginia State University and led by Hannah Payne with curriculum created by MIT. Mrs. Payne took pre and post...
[Read more](#)
- ISS Downlink with Alexander Gerst!**
July 10, 2018
The NASA WWSGC collaborated with the Langley region (Kentucky, North Carolina, South Carolina, Virginia) to have a joint ISS Downlink with the International Space Station. The live feed, held at Virginia Air and Space Center, was watched across the region. Youth from all 5 states submitted questions to be asked...
[Read more](#)
- STEM Fair in Morgantown, WV!**
July 1, 2018
Emily Calandrelli, author of the Ada Lovelace series, hosted a STEM fair in her hometown of Morgantown, WV. The event was held before her book signing at Barnes & Noble. She invited many outreach programs from West Virginia University and the community. Some of the groups included: NASA West Virginia...
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- NASA WWSGC** 22 Mar
What are you doing April, 23 2018? I hope it's spending a day with us at the Day Center for the Arts & Sciences for our annual Noble Space Day!!
[Twitter](#)
- NASA** 22 Mar
RIGHT NOW: Two humans are working in the vacuum of space to complete today's spacewalk, which began at 8:07am ET. Watch @ElectroAnimat and @AstroHague work outside the @Space_Station and ask questions using #ASINASA <https://t.co/1x72wVM08>
[Twitter](#)
- Emily Calandrelli** 14 Mar
I'm excited to speak about space exploration in Charleston, WV today! 🚀
But man...I'd really love to chat about Solar Power and Clean Water here...so if any audience member wants to ask me about that stuff in the public Q&A, I would welcome it! 🙌
[Twitter](#)
- NASA WWSGC** 14 Mar
Happy Pi Day! How many digits of the number can you remember? #PiDay
[Twitter](#)

[Load More...](#)

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Starting in May, the NASA WWSGC office will start e-mailing the board on the last Thursday of every month with a highlight of the previous events and activities that occurred during that time. These highlights will be made available on our website under Monthly Updates which can be found un News & Events.

The Sky's the Limit!

WV High Altitude Balloon-Sat Camp

June 10-14, 2019

10:00 am- 5:00 pm

Location: West Virginia State University, Institute WV 25112

Cost of Camp: \$250

(Limited financial aid may be available upon request)

Summer camp for **High School** students to design, build, test and analyze different stages of a payload that can be launched by a high-altitude balloon.



Reserve your space today and register at:

<https://www.spacegrant.org/register/wv19>

For questions, please contact: Kati Baker or Candy Cordwell @ 304.293.4099



Sponsored by the
NASA WV Space
Grant Consortium

NASA

SPACE DAY

at the Clay Center
for the Arts & Sciences



 Clay
Center

groupreservations@theclaycenter.org

TUESDAY
APR. 23, 2019
9AM-2PM

FREE EVENT

Registration Is Required

STEM Activities like...

Bottle rockets

Pocket Solar Systems

Science Behind the Cycling

AND MORE!

Recommended for Grades 7-9th

Space is Limited, Register Today!

304-561-3562