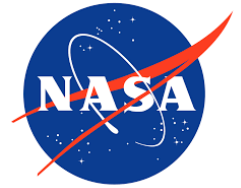


Destination SPACE Camp - WV

Inspire and empower students to become the next generation of STEM leaders.



Global Science & Technology, Inc



Katherine Johnson IV&V
Education Resource Center



FAIRMONT STATE
UNIVERSITY™

Notice:

Due to COVID-19, Destination SPACE Camp will be conducted on-line. The schedule, format, and scope are being adjusted accordingly. There may be slight changes in the final Space Camp logistics as a result.

Destination SPACE Camp Highlights:

- Learn about remote sensing and applications
- Introduction to satellite sensors, electrical engineering, robotics, and rocketry
- Develop a professional network of mentors
- Hands-on experience using remote sensing instruments
- Build your own programmable robot and in-situ weather station
- Discover the science of rocketry. Design, Build, and fly air-powered rockets.
- Analyze data you collect in your backyard and compare the results to data from weather balloons launched from various locations across the United States
- Use remote sensing data for applied project
- Present results to Destination SPACE Camp mentors, and fellow students



Logistics:

- 5 Day Camp (4 hrs. on-line contact time per day) Monday 7/20/20 – Friday 7/24/20
- Camp will be On-line and at-home
- Number of Students limited
- Cost – FREE - to all students, includes all camp materials and instruction
- Required materials provided prior to camp



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Description:

In cooperation, NASA IV&V Education Resource Center (ERC), Global Science & Technology, Inc. (GST), Fairmont State University, and Destination SPACE, Inc. are offering Destination SPACE Camp to West Virginia high school students July 20-24, 2020.

This five-day camp program is designed to cultivate a long-term interest in STEM by providing engaging, hands-on remote sensing educational opportunities for students from backgrounds underrepresented in STEM fields. Students will learn about robotics, satellites, remote sensing, and rocketry. The camp will be hosted on-line. Destination SPACE Camps focus on students being introduced to weather, climatology, space weather, satellite and rocket engineering, and applied science. Students will be part of teams that build, test, and program their own robots and weather stations. and then analyze and report the data they collect. Students are not required to have prior knowledge in these fields to participate.

Camp participants will gain a solid foundation of research experience, team building, and leadership skills that will contribute to their ability and confidence to pursue education and careers in the STEM fields.