



STEM ADVANCEMENT INC

Equipping and Inspiring Rural Students with Space-related Experience

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Student learns new skills, such as soldering, while building, prototyping, troubleshooting, and analyzing their projects.

The project serves students and teachers in five rural counties in Southwest Mississippi, via: 1) Teacher Professional Development seminars that equip teachers with Astro Camp hands-on skills to incorporate into their classroom, 2) Astro Camp Day in which students participate in a variety of Astro Camp skills 3) Astro Camp Week - five days filled with STEM and space-related activities, 4) Student Astro/STEM Competition - an all-day event measuring students in individual and team skills, and 5) Field Trip to INFINITY Science Center.

These activities are expected to serve roughly 700 K-12 students. Many will experience for the first-time hands-on science, space, and engineering activities. All students will have opportunities to learn new skills while building, prototyping, troubleshooting, and analyzing their projects.

List of Partners:

- Southwest Mississippi Community College
- INFINITY Science Center / Astro Camp

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