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LEVEL 3

ISS Research Lab

Imagine your School on the ISS next year!



VIP access to rocket launch viewings



Students will prepare technical documentation reviewed by NASA and manifested on rocket launches



Applied Electrical Engineering Principles: to design electrical circuits, draw schematics, build layout, and test printed circuit boards



Mid to late High School or early University students are mentored by industry professionals, college professors, and/or research scientists

Level 3 ISS Research Lab is a 9 month hands-on experience for students 14 - 18 years of age. It is the culmination of the Quest for Space Programs with students going through an entire engineering research process from concept to data analysis, including the physical launching of their experiment which will be installed on the ISS for 30 days. The research and planning stage require that each student team draft documentation that must be reviewed and approved by NASA so that their experiment can be manifested on NASA's flight plans. It's at this level that students get to use their creativity and technical skills to investigate solutions to real-world problems while using the latest technology on the ISS. Students may obtain Industry recognition by presenting their research at ASGSR or ISS R&D conferences.



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