

JHU/APL Center for Space Science



LOCATION:

The Johns Hopkins University
Applied Physics Laboratory
11100 Johns Hopkins Road
Laurel, Maryland 20723
Howard County

ENTERING GRADES: 6 - 7

TYPE: Non-residential

DATES: July 10-21

8:30 a.m. - 3:00 p.m.

TUITION: \$500 for a two-week
non-residential program

Has space exploration and space travel always fascinated you? Have you ever wondered what it is like to be part of an engineering team to plan and design a space mission? At the Center for Space Science, you will work in collaborative teams along- side NASA scientists and engineers to plan a space mission. Learn about the current applications of space technology and exploration of the solar system by simulating the process involved in designing a NASA Discovery Mission. Working in small groups, you will experience the process involved in planning and launching a space mission, including the design and fabrication of a satellite. You will be part of a space center team that builds a scale model of a spacecraft complete with instrumentation. Join in the fun as you design and launch a water bottle rocket. You will also have the opportunity to take a field trip to a space center.



The Johns Hopkins University Applied Physics Laboratory (JHU/APL) offers an exciting environment for studying space. You will interact with the JHU/APL scientists and engineers, examine instruments, and tour the test facilities while learning about the exciting careers within the space program from the men and women who plan space missions for NASA and the United States of America.

At the conclusion of the center, you will use the latest technology to present your team’s original space mission to your parents and a team of JHU/APL scientists and engineers who will critique the plausibility of your mission.

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