

# Johns Hopkins APL Summer Center for Space Science

## LOCATION:

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

## ENTERING GRADES:

**6 through 8**

## TYPE:

**Non-residential**

## DATES:

**July 6-17, 2020  
8:30 AM until 3:00 PM**

If space exploration fascinates you, or if you ever wondered what it would be like to visit another world, then the Johns Hopkins Applied Physics Laboratory (APL) Summer Center for Space Science is for you. During this two-week experience at APL, students work in collaborative teams alongside NASA scientists and engineers to craft a space mission. Working in small groups, you will experience the process of planning and building a NASA Discovery Mission, including the design and fabrication of a satellite and the application of innovative technologies. You will be part of a team that builds a scale model of your spacecraft, complete with instrumentation. You will also launch your own water bottle rocket!

APL, which has sent spacecraft from the Sun to Pluto and beyond, offers an exciting environment for studying space. You will interact with APL scientists and engineers, examine *\*real\** space hardware, and tour facilities where APL builds, tests, and operates spacecraft that have been sent across the solar system. You will also learn about STEM careers from the men and women who plan space missions for NASA and the nation, as well as have an opportunity to visit another space science and engineering center.

## Contact:

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