

## FIELD TRIPS:

Field trips are an excellent way to make what is discussed in the classroom and experienced in the lab come to life on a grand scale. Each group participates in one field trip. Field trips change every year.

Previous field trips included the Caithness Long Energy Center, a natural gas fired combined-cycle power plant in Yaphank, NY, and the nearby Swan River Preserve, a newly built park designed to clean storm water runoff before it enters the waters of Long Island's south shore.

During another field trip, participants visited the Brooklyn Navy Yard to learn about shipbuilding and repair in New York and the revitalization of the facility. After the shipyard yard tour, the group walked the Brooklyn Bridge to discuss its design, construction, and impact on Manhattan and Brooklyn.



*Field trip at the Caithness Energy Center.*



*Teams collaborate and build their own boats.*



## Summer Engineering Academy (SEA)



## Webb Institute

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*Students race their boats in the Model Basin.*



*Students learn about design and construction at Brooklyn Navy Yard.*

Webb Institute's Summer Engineering Academy (SEA) is designed to introduce middle and high school students to the field of engineering through classroom lectures, challenging hands-on design-build-test experiences, and a local field trip to an engineering-related site.

Program participants must be able to function in laboratory and shop environments and safely use tools under supervision.



*Students testing their hand-built boats on the Long Island Sound.*

## PROGRAM DETAILS

### DATES:

July 15-26, 2019

*Monday through Friday*

### TIMES:

8:30 AM to 4 PM

### GRADE LEVEL:

Rising 7th to rising 11th grade

*\*Please note that this is a daily program and on-campus housing is not available for those interested from outside of the New York area\**

Register: [www.webb.edu/sea](http://www.webb.edu/sea)

### COST:

\$1,280.00 (Includes Lunch)

*Registration is now open!  
Space is limited.*

