

## Activity 2: Design a Fort



Colonel Jonathan Williams is looking over the plans for forts on Governors Island.

Use your imagination to help Colonel Williams design his next fort in the harbor.

In the space below, write down why you think your fort would be strong enough to protect New York City.

## Welcome Junior Rangers!



On behalf of the National Park Service, we would like to thank you for visiting Governors Island National Monument and for your interest in becoming a Junior Ranger!



### How to become a Junior Ranger

1. Do all the activities in this booklet.
2. Have fun!



### If you need help...

You can ask a National Park Ranger or Volunteer.



### When you are finished...

Bring your book to a Ranger or Volunteer. After it is checked, you can earn an official Junior Ranger Badge!

## A Story of Two Forts



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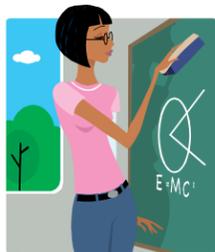


U.S. Military Academy Museum

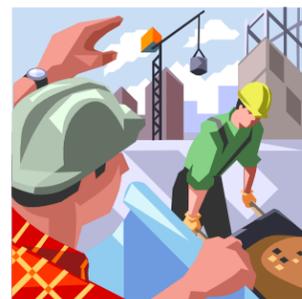
The fort on the left is called Castle Williams and was designed by a man named Jonathan Williams. Mr. Williams was an officer in the Army. He was a **Colonel** [kernel]. Colonel Williams also re-designed Fort Jay, the fort on the right.

Fort Jay and Castle Williams were built to protect New York City from cannon balls fired from enemy ships that could have sailed into the harbor during the War of 1812.

When people "**design**" a fort it means that they use subjects like science and math that they learned in school.



Then they draw pictures to show the construction workers how to build it.



## Activity 1: Making Observations

Pretend you are working with Colonel Williams. He asked you to visit Fort Jay and Castle Williams. Walk all around both forts and answer the following questions.

Over time, the forts were used for other purposes. When you walk into the courtyards of the forts, see if you can guess what these other uses were.

### Visit Fort Jay

Name three things that you found around the fort that were used to protect Fort Jay from attack.



Fort Jay as seen from an airplane.

Walk into the courtyard. How do you think the fort was used in later years?

### Visit Castle Williams

What is the shape of Castle Williams?



The windows are called **embrasures**. [em-bray-zurs] and were an important part of the Castle's defensive system.

Look at the picture on the right. Where do you think the cannons were kept?

Walk into the courtyard. What were these rooms used for in later years?