

You are a ship's gunner in battle and must fire the gun in 30 seconds to lead your ship to victory! Looking back on the gunnery demonstration in the video, determine the order of firing the gun.

_____ Worm out the barrel to get out any remaining parts of the previous charge.

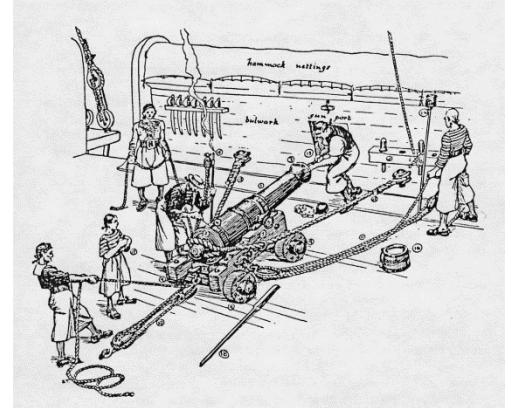
_____ Prick and prime the gun; break the charge and put some more gun powder in with the powder horn.

_____ Put the charge into the gun and use the ram rod to get it to the end of the barrel.

_____ Clear the gun deck and fire the gun. "fire in the hole!"

_____ Sponge out the gun with sea water; make sure the water spouts out of the gun clear.

_____ Load in your specific shot (bar shot, grape shot etc.) to the gun.



The technology of cannons has changed over time. What modifications have been made to make cannons more efficient?

The success of naval battles depends on conditions at sea. How would ocean conditions effect a gunners ability to fire the cannon?

Build your own cannon using materials around the house. What materials will you use? How much do you need? Design your own cannon below. You can edit your design once you start firing to make it more accurate. What is the right amount of baking soda and vinegar to create the perfect shot?

Materials:

-
-
-
-
-
-

Design:

Gunners must record all the shots they fire while at sea. Record your “shots” from the cannon you built at home!

Date/Time	Target & Distance from Cannon	Hit the target?	Notes (how to improve and hit target etc.)