

## Civil War Tech 2016-2017

All programs are 10:00 - 11:00 a.m.

Coded Messages	September 10, 2016
Bridge Building	October 1, 2016
Strategy at Gettysburg	November 5, 2016
Steam Engines	January 7, 2017
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Bugles and Drums	July 8, 2017
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**Abraham Lincoln Presidential Library  
112 North 6<sup>th</sup> Street  
Springfield, IL 62701**

*PresidentLincoln.illinois.gov*

Join the ALPLM on the first Saturday of the month for a hands-on workshop about Civil War technology. Civil War Tech is open to students 8-12 years old. Please visit our website for more information and to register. The Civil War Tech program series is made possible thanks to generous support from AT&T.



**September 10, 2016, 10:00-11:00 a.m.**

## **Coded Messages**

Sending information during the Civil War required military officials to come up with several ways to disguise messages. Join us for a morning of codebreaking and espionage!

**October 1, 2016, 10:00-11:00 a.m.**

## **Bridge Building**

Bridges were very important during the Civil War for moving troops and supplies throughout the United States and the Confederacy. Engineers on both sides raced to repair and replace bridges destroyed throughout the war. Try building bridges and see if they will stand up to an attack!

**November 5, 2016, 10:00-11:00 a.m.**

## **Strategy at Gettysburg**

When battle broke out at Gettysburg in 1863, the war was at a turning point. Discover the role technology played and see what decisions you might have made if you were in charge.

**January 7, 2017, 10:00-11:00 a.m.**

## **Steam Engines**

Steam engines helped power some of the largest equipment used in the Civil War – railroads and navy ships. Conduct experiments using steam and see how powerful evaporated water can be.

**February 4, 2017, 10:00-11:00 a.m.**

## **Blockade Runners**

When the Union Army set up a blockade to cut off the Confederate ports, southern officers built small fast-moving ships to move through the barrier. Can you make a ship capable of escaping an enemy?

**March 4, 2017, 10:00-11:00 a.m.**

## **Rifles and Muskets**

Learn about the weapons Civil War soldiers carried with them and how they changed throughout the Civil War. What weapons did each side carry and how did they work?

**April 1, 2017, 10:00-11:00 a.m.**

## **Strategy at Vicksburg**

Vicksburg, MS was considered to be a critical military holding by both sides because of its location on the Mississippi River. The Union Army led a successful campaign to capture the city in 1863. Learn about the tactics both sides used to control Vicksburg.

**April 12, 2017, 10:00-11:00 a.m.** *Spring Break Program!*

*\*Note this is a Wednesday*

## **Ambulances**

The ambulance moved injured troops away from the battlefield to get medical help. Learn how medical officers decided who would ride in an ambulance. Can you navigate the dangerous path a ambulance driver had to get their patients to the hospital?

**May 6, 2017, 10:00-11:00 a.m.**

## **Mines and Torpedoes**

Learn how landmines and torpedoes were tested during the Civil War and which side developed the most powerful weapons. Discover how these weapons were used to destroy large ships and ironclads as well as terrify troops traveling on land.

**June 3, 2017, 10:00-11:00 a.m.**

## **Trench Warfare**

Civil War soldiers began using trenches to help them avoid increasing attacks from small arms and cannon fire. Discover how trenches were used during the 292-day battle at Petersburg, VA. How would you have used trenches in battle?

**July 8, 2017, 10:00-11:00 a.m.**

## **Bugles and Drums**

Battle was a loud place and the best way to tell your troops where to go or what to do was by using bugles and drums. Experiment with the science of sound and learn about the young soldiers who took their musical talents to war.

**August 5, 2017, 10:00 a.m-12:00 p.m.**

## **Back to School Wrap Up**

Celebrate the end of summer with Civil War Tech: Back to School. Play games and learn through hands-on activities, featuring many of the themes explored during the program series.