

## ALBUM CODING WITH PRIMARY SOURCES (SCRATCH 3.0)

### Album Description

Music and technology both offer rich opportunities for students to engage with primary sources, but can be daunting when there is limited time to explore. We have developed a self-directed individual or collaborative activity for students to learn a little history, a little music, and a little technology. Our hope is that a teacher from any subject area will be equipped to explore this intersection with students, and ideally collaborate with other educators through the process. Follow the link to a guide students can use to explore Civil War bugle calls through coding, along with additional resources teachers can use to extend and enrich the learning experience. Since it is self-directed, it may be used as a class activity or an enrichment activity to challenge and engage individual students. An optional extension activity challenges students to express what they've learned through the exploration by composing and coding original music of their own. We're eager to hear feedback – and listen to the original compositions - from diverse classrooms that have used our tool!

This activity uses Scratch. "With Scratch, you can program your own interactive stories, games, and animations — and share your creations with others in the online community. Scratch helps young people learn to think creatively, reason systematically, and work collaboratively — essential skills for life in the 21st century. Scratch is a project of the Lifelong Kindergarten Group at the MIT Media Lab. It is provided free of charge."



Carolyn Bennett Art/Music Library 3 - 5 6 - 8 Technology

## GENERAL GRANT'S CAVALRY ESCORT, CITY POINT, VA., MARCH, 1865



**Reference Link:** <https://www.loc.gov/item/2013648497/>

**Summary:** Portrait shows five buglers standing at left.

**Created / Published:** photographed 1865, [printed between 1880 and 1889]

**Subject Headings:** - United States--History--Civil War, 1861-1865--Military personnel--Union  
- United States--Virginia--Petersburg

**Notes:** - No. 445.

- Title from item.

- Alternate title and date from Catalogue of photographic incidents of the war, from the gallery of Alexander Gardner...by Bob Zeller, published by the Center for Civil War Photography, c2003.

- Gift; Col. Godwin Ordway; 1948.

**Repository:** Library of Congress Prints and Photographs Division Washington, D.C. 20540 USA

<http://hdl.loc.gov/loc.pnp/pp.print>

**Digital Id:** ppmsca 34478 //hdl.loc.gov/loc.pnp/ppmsca.34478

ppmsc 02788 //hdl.loc.gov/loc.pnp/ppmsc.02788

**[PRIVATE JAMES E. STALEY OF BAND COMPANY, 9TH INDIANA INFANTRY REGIMENT, AND COMPANY B, 1ST INDIANA HEAVY ARTILLERY REGIMENT, HOLDING A BUGLE TO HIS MOUTH AND CARRYING A REVOLVER IN HIS JACKET]**



**Teaching Notes:**

Use smallest jpeg format for sprite

**Reference Link:** <https://www.loc.gov/item/2011645433/>

Summary: Photograph shows identified soldier, James E. Staley, who served as a musician in 9th Indiana Infantry Regiment from 1861-1862 and as a private in Company B, 1st Indiana Heavy Artillery Regiment from 1864-1866. (Source: American Civil War database.)

Created / Published: [between 1861 and 1865]

Subject Headings: - Staley, James E.,--1847-1916

- United States.--Army.--Indiana Infantry Regiment, 9th (1861-1865)--People
- United States.--Army.--Indiana Heavy Artillery Regiment, 1st (1863-1866)--People
- Soldiers--Union--1860-1870
- Military uniforms--Union--1860-1870
- Bugles--1860-1870
- Handguns--1860-1870
- Musicians--1860-1870
- United States--History--Civil War, 1861-1865--Military personnel--Union

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[https://sites.msudenver.edu/tpswesternregion/wp-content/uploads/sites/476/2021/11/tps\\_logo-1.png](https://sites.msudenver.edu/tpswesternregion/wp-content/uploads/sites/476/2021/11/tps_logo-1.png)

Genre: Portrait photographs--1860-1870

Tintypes--Hand-colored--1860-1870

Notes: - Title devised by Library staff.

- Case: Berg, no. 2-91.

- Gift; Tom Liljenquist; 2011; (DLC/PP-2012:127).

- More information about this collection is available at <http://hdl.loc.gov/loc.pnp/pp.lilj>

- Forms part of: Liljenquist Family Collection of Civil War Photographs (Library of Congress).

- Forms part of: Ambrotype/Tintype photograph filing series (Library of Congress).

- Exhibited: "The Civil War in America" at the Library of Congress, Washington, D.C., 2013.

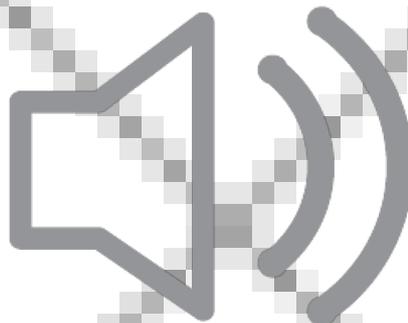
- pp/liljunion

Repository: Library of Congress Prints and Photographs Division Washington, D.C. 20540 USA

<http://hdl.loc.gov/loc.pnp/pp.print>

Digital Id: ppmsca 31124 //hdl.loc.gov/loc.pnp/ppmsca.31124

**BUGLE CALLS [PLAYED] BY CHIEF TRUMPETER CASSI OF ROOSEVELT'S ROUGH RIDERS.**



AUDIO

**Reference Link:** <https://www.loc.gov/item/00579646/>

**Summary:** Re-enactment of bugle calls sounded at San Juan Hill, Santiago, Cuba, July 1, 1898: First call; reveille; assembly; forward, guide right; halt; skirmish; rally. Taps as sounded at the graves of Sergeant Hamilton Fish, Jr., and Captain Capron, June 24, 1898 at Las Guasismas. Taps sounded at the grave of Captain Bucky O'Neil, July 1, 1898.

**Contributor Names:** Cassi, Emil. prf

Fish, Hamilton, -1898.

O'Neil, Bucky, -1898.

Capron, Captain, -1898.

**Created / Published:** [United States] : E. Berliner's Gramophone, 1898.

**Subject Headings:** - United States.--Army.--Volunteer Cavalry, 1st--Songs and music

- Bugle calls--United States

**Notes:** - Emil Cassi, bugler.

- Recorded at an unknown location, Nov. 28, 1898.

- Recorded on one side only.

- Autograph of Cassi inscribed in zinc master.

- Acoustic recording.

- Also available in digital form on the Library of Congress Web site.

- Production level cataloging.

**Digital Id:** <http://hdl.loc.gov/loc.mbrsrs/berl.133438Y>

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<http://hdl.loc.gov/loc.mbrsrs/collmbr.rs000002>



## BUGLE CALLS



**Reference Link:** <https://www.loc.gov/item/sm1885.19549/>

Created / Published: Ellis, John F. & Co., Washington, D. C, 1885, monographic.

Genre: sheet music

Notes: - From: Music Copyright Deposits, 1870-1885 (Microfilm M 3500)

- Also available through the Library of Congress Web Site as facsimile page images. (additional physical form)

Repository: Library of Congress. Music Division.

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## SAMPLE SCRATCH PROJECT

### Teaching Notes:

<https://scratch.mit.edu/projects/268767799/>

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## **CODING BUGLE CALLS SCRATCH 3.0.DOCX**

### **Teaching Notes:**

This file provides both music and coding instructions for the student with tips for the educator.

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## **CODING BUGLE CALLS SCRATCH 3.0 2.13.DOCX**

### **Teaching Notes:**

Updated font and additions to the Primary Source page.

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## **CODING BUGLE CALLS SCRATCH 3.0 NO SCREENSHOTS.DOCX**

### **Teaching Notes:**

If your students are familiar with Scratch, you could use these instructions that do not include step-by-step screenshots.

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## **PRIMARY SOURCES FOR MUSICAL LEARNING: EXPLORING THE TRIAD THROUGH THE CIVIL WAR BUGLE - BLOG**

### **Teaching Notes:**

<http://blogs.loc.gov/teachers/2019/03/primary-sources-for-musical-learning-exploring-the-triad-through-the-civil-war-bugle/>

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[https://sites.msudenver.edu/tpswesternregion/wp-content/uploads/sites/476/2021/11/tps\\_logo-1.png](https://sites.msudenver.edu/tpswesternregion/wp-content/uploads/sites/476/2021/11/tps_logo-1.png)

## **CODING WITH PRIMARY SOURCES: EXPLORING BUGLE CALLS THROUGH PROGRAMMING - BLOG**

### **Teaching Notes:**

<http://blogs.loc.gov/teachers/2019/03/coding-with-primary-sources-exploring-bugle-calls-through-programming/>

## U.S. ARMY OLD GUARD FIFE AND DRUM CORPS HISTORICAL ENSEMBLE



### Teaching Notes:

Discuss the use of communication through drums, bugles, etc. 14:26

**Reference Link:** <https://www.loc.gov/item/webcast-8729?loclr=eanw>

**Summary:** The Historical Ensemble of the U.S. Army Old Guard Fife and Drum Corps performed music of the 18th century in the Great Hall of the Library's Thomas Jefferson Building. The performers used period instruments and uniforms to offer a window into musical life of the time. They presented music by well-known composers like Handel to music of the European courts.