



# Artefact Analysis Challenge

This program will challenge students to analyse various artefacts from the Bytown Museum's collection, in order to determine their purpose and significance. Students will first examine artefacts and create a brainstorm; then, they will have the opportunity to use a *Kahoot!* challenge to present their knowledge to their peers; lastly, students will solidify their knowledge through group discussion.

**Program Duration:** 30-45 minutes

**Grade Level (Ontario):** Grade 3, Social Studies

# Curriculum Connections (Ontario)

## Grade 3 | Social Studies

During this program, students will:

- A1.2 compare some of the roles of and challenges facing people in Canada around the beginning of the nineteenth century with those in the present day
- A2.5 evaluate evidence and draw conclusions about some of the major challenges facing different groups and communities in Canada during this period, and measures taken to overcome these challenges

## Teacher Guide

This activity begins with a small-group or individual student investigation, wherein students examine artefacts to brainstorm their purpose and significance. Then, students will participate in a *Kahoot!* activity to test their hypotheses. Lastly, the class will discuss the uses and significances of the artefacts. This can be completed either virtually or in-person. Students will require access to *Kahoot!* through an individual device.

### Materials Required

- Printed or virtual copies of this document (to show artefact photos)
- Individual devices (e.g., laptop, cellphone) to access *Kahoot!*
- Teacher device to run *Kahoot!*

### Suggested Lesson Breakdown

- Introduction & brainstorm: 15 minutes
- *Kahoot!* Activity: 10 minutes
- Discussion & conclusion: 10-15 minutes

Do you have fun photos or anecdotes from your class's experience with this program that you want to share? Feel free to share them with us on social media!

- Facebook: [Musée Bytown Museum](#)
- Instagram: [@bytownmuseum](#)
- Twitter: [@BytownMuseum](#)






# Artefact Analysis Challenge

In small groups, examine the following photos or artefacts, and brainstorm their purpose and significance. For each artefact, consider:

- ✓ What is it made of?
- ✓ What shape is it?
- ✓ Have you seen any similar items before?
- ✓ Does it have moving parts?
- ✓ **What do you think this is?**

## Challenge Level 1

Artefact	Brainstorm
	
	
	



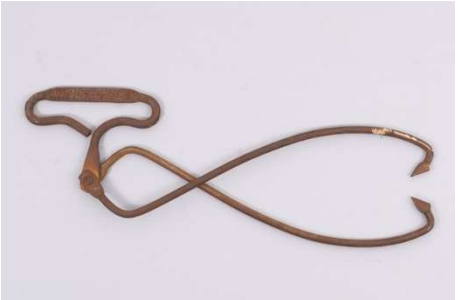
# Artefact Analysis Challenge

## Challenge Level 2

Artefact	Brainstorm
	
	
	
	

# Artefact Analysis Challenge

## Challenge Level 3

Artefact	Brainstorm
	
	
	

Are you done your brainstorm? The next activity will test your knowledge with your classmates! It is a *Kahoot!* activity.

Here is a link to the *Kahoot!*: <https://bit.ly/2KZ8glh>

Your teacher will set up the *Kahoot!* activity for you now. Do not look at the next pages in this document until after the *Kahoot!*




Once you are done the *Kahoot!*, check out the next page to see what these artefacts were used for!

# Artefact Answer Key

For each artefact, discuss its use with students. Encourage discussion and reflection using prompts:

- What was this artefact used for in early Bytown?
- What challenges would exist if this artefact had not been invented?
- Do we still use this artefact today?
- Has this artefact been replaced by another tool or object today?

## Challenge Level 1

Artefact	What was it used for?
	<p>This artefact is a <b>horseshoe!</b></p> <p>Horseshoes are nailed onto horses' hooves to keep them from getting worn out. On this shoe, the small holes around the edge were used to attach the shoe to the hoof. This shoe also has large round holes. These are for inserts that improve traction on slippery surfaces – this is a <i>winter</i> horseshoe! Horseshoes like this were useful for helping horses when they were working, for example pulling wagons.</p>
	<p>This artefact is a <b>cowbell!</b></p> <p>Cowbells are worn by animals around their neck, kind of like a necklace or collar. The bells ring when they walk, so that farmers know where their animals are, even if they are out of site. Many early farmers in Bytown and the surrounding area kept livestock such as cows, so this would have been very useful!</p>
	<p>This artefact is a <b>coal shovel!</b></p> <p>Coal shovels are used to shovel coal, for example on coal-fueled steam trains. In everyday life, they are most often used to scoop ashes from fireplaces — in early Bytown, some people may have used fires to heat their homes, so the coal shovel would have been important. This coal shovel used to be painted black, but it has been used so much that the paint was worn off!</p>



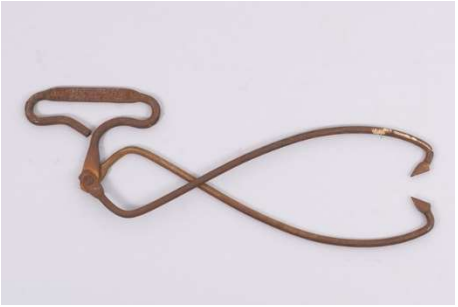
# Artefact Analysis Challenge

## Challenge Level 2

Artefact	What was it used for?
	<p>This artefact is a pair of <b>caulk boots!</b></p> <p>Caulk boots have spikes on the bottom to give the wearer more traction. They were used by log drivers to walk across wet logs! In Bytown, there was a large lumber industry, so trees were cut down and floated down the river to other cities to be sold or processed. Log drivers would help the logs float on the river by directing them and clearing any log jams!</p>
	<p>This artefact is a <b>phonograph record!</b></p> <p>Before music was played digitally (e.g., through YouTube, Spotify, etc.) it was commonly stored on a record! A record is a disc with a spiral groove on each side. When you want to play a record, you put it on a phonograph, which runs a needle through the spiral groove to create vibrations (sound). This record has one song per side!</p>
	<p>This artefact is a set of <b>blacksmith tongs!</b></p> <p>Blacksmiths manipulate hot metal to create objects like tools. These blacksmith tongs are used by blacksmiths to move metal when it is too hot to touch. Did you know that most blacksmiths make their own tongs? Blacksmiths were very important in Bytown because they made essential items like nails, hammers, knives, and more!</p>
	<p>This artefact is a <b>daguerreotype camera!</b></p> <p>This camera is made of wood, and would capture images on sheets of copper. This camera began sales in 1839, almost 200 years ago! Bytown once had many photographers downtown to photograph residents, because not everyone had their own camera!</p>

# Artefact Analysis Challenge

## Challenge Level 3

Artefact	What was it used for?
	<p>This artefact is a woodworking brace (a <b>drill</b>)!</p> <p>On the left-hand side of the picture, there is a hole for the drill bit. The brace would stand up on this end, and would be held on the large end. Then, the woodworker would rotate the bowed metal piece in the center. Drills like this were useful for making holes in materials like wood!</p>
	<p>This artefact is an <b>axe head</b>!</p> <p>This axe head is made of iron and was made by a blacksmith. The axe head has a hole (an eye) through it so that it can attach to a wooden axe handle. Axes were very important in Bytown – they could be used to cut down trees in the lumber industry, or to chop wood for home heating!</p>
	<p>This artefact is a pair of <b>ice tongs</b>!</p> <p>These ice tongs are made of iron, and they pivot like scissors from the end on the left-hand side of this picture. Ice tongs were used to move large blocks of ice. Before refrigerators were common, families would use <i>ice boxes</i> and large blocks of ice to keep their food cold. These blocks of ice were often cut in the winter from lakes or rivers!</p>



# Thank you for participating!



## About the Bytown Museum

Housed in Ottawa's oldest stone structure, the Bytown Museum explores the city's history from the early years of Rideau Canal construction, through the rough and tumble days of Bytown, to its emergence as Canada's capital and beyond.

The Bytown Museum is Ottawa's museum, exploring the stories and values of an evolving city and its residents from its First Peoples through the early days as Bytown to present day Ottawa. The Museum is committed to engaging our visitors and community in discovery and dialogue as we aim to deepen the many connections within and between our diverse communities.

