

# Johnstown Flood Junior Ranger Activity Booklet

National Park Service  
U.S. Department of the Interior

Johnstown Flood National  
Memorial



# JOHNSTOWN FLOOD NATIONAL MEMORIAL

**This Junior Ranger Handbook Belongs to:**



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AGES 5-7



# EXPLORE, LEARN, PROTECT



## THE JUNIOR RANGER WAY!

### Welcome to the Johnstown Flood National Memorial!

If you have this booklet, GREAT! You want to become a Junior Ranger! As a Junior Ranger, you help the National Park Service in its mission. You will help to preserve and protect the park and its resources for future generations.

To become a Junior Ranger, just complete the booklet's activities and take it to the Park's information desk in the Visitor Center. The Park Staff will review your completed booklet and swear you in as a Junior Ranger and give you your official Junior Ranger Badge and Certificate.

Have Fun! If you have any questions, don't be afraid to ask any Park Ranger or Park Staff for help! You can also have a parent, grandparent, friend, brother or sister, or another adult you know, help you.

If you can't finish the booklet at the park, or have had a booklet sent to you, just complete the booklet, sign the Junior Ranger Promise, and send everything to:

Johnstown Flood National Memorial  
National Park Service  
733 Lake Road  
South Fork, PA 15956

# NATIONAL PARK SERVICE JUNIOR RANGER

Becoming a National Park Service Junior Ranger you should know what the main symbol of the National Park Service is. It is the arrowhead.

Each item pictured in the arrowhead represents things that are protected within all National Parks.

The Trees: Represent all plants in the National Parks.

The Mountains & Lakes: Represent the scenic beauty and recreation in the National Parks.

The Bison: Represent all animals in the National Parks.

The Arrowhead Shape: Represents cultural and historic resources in the National Parks.

*By connecting the dots you will make your own  
National Park Service arrowhead.*





# SCAVENGER HUNT BINGO



As you explore the park, look for the things in the squares below. As you find them put a big "X" on top of that picture. When you have three X's in a row, you win Bingo! The rows can be up and down, diagonal, or across.

Map



Telegraph Key



Unger Farm Barn



Victor Heiser Sculpture



Arrowhead Symbol



Picture of Clara Barton



Picture of Henry Clay Frick

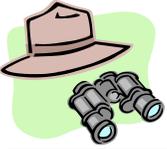


The Unger House



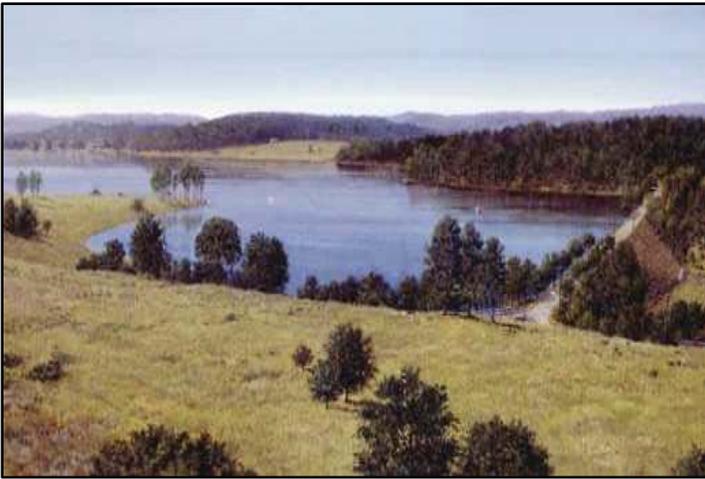
The Tree/Debris wall





# COMPARE AND CONTRAST

Look at both pictures. The pictures on the top are an artist's idea of how the lake looked back in 1889, and the picture on the bottom is how it looks today. How are they different? Compare the pictures.



List three things that are **DIFFERENT**

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# FUN FACT SEARCH



Throughout the Park's Visitor Center there are exhibits that explain the Johnstown Flood of 1889. See if you can find the answers to these questions by looking at and reading the exhibits.

1) What year did the "Great Johnstown Flood" take place?

\_\_\_\_\_

2) What was the official death toll of the Johnstown Flood ?

\_\_\_\_\_

3) What year was the original dam finished?

\_\_\_\_\_

4) There were three messages that were sent to Johnstown to tell people of the danger.

How were the three messages sent?

\_\_\_\_\_

5) What was the total amount of money collected for Johnstown from around the world?

\_\_\_\_\_

6) What country donated \$42,909.00?

\_\_\_\_\_

7) How old was Clara Barton when she arrived with the American Red Cross?

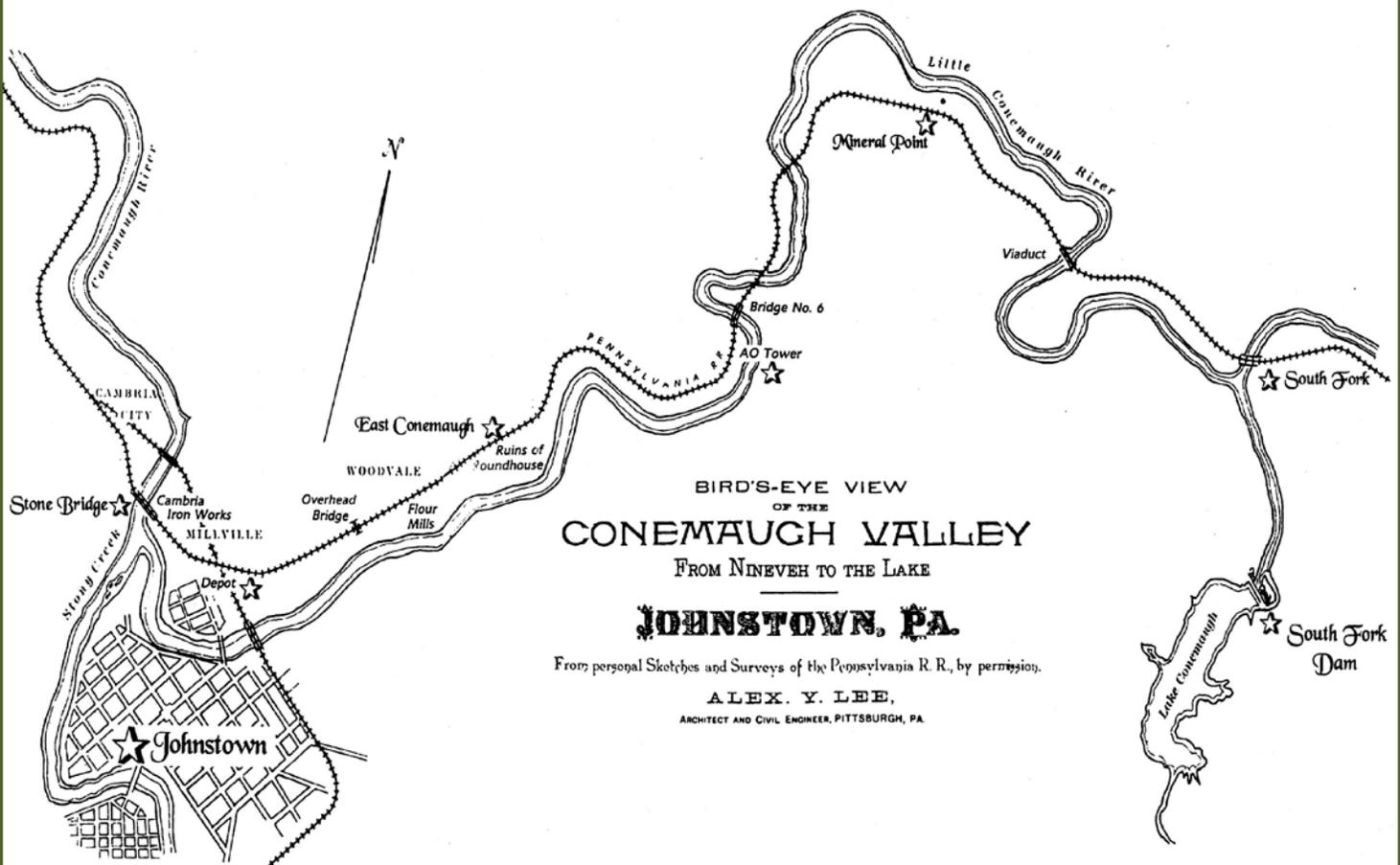
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# TRACE THE PATH THE WATER TOOK TO GET TO JOHNSTOWN.



From reading the exhibits in the Visitor Center, you should now know how the water went from the Lake Conemaugh to Johnstown. With a pencil, pen, marker, or crayon draw a line or color in the path of the flood waters.

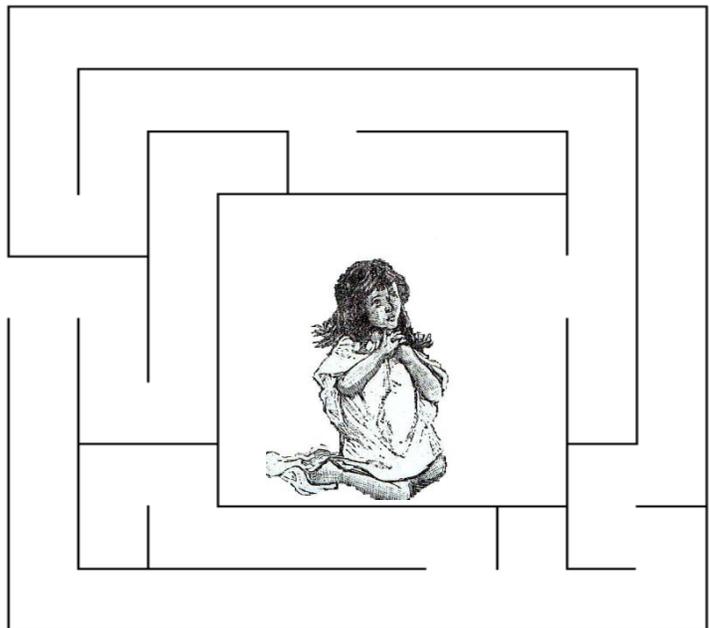
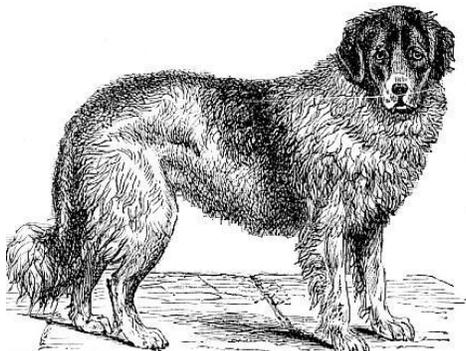


# RESCUE MAZE!

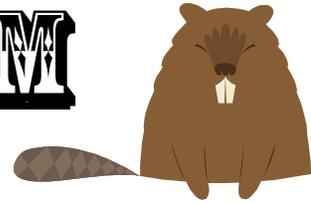


After the Johnstown Flood of 1889, there were numerous stories told of acts of heroism by many people and also animals. Two stories involve dogs: a Newfoundland dog named Jack and a Water Spaniel named Romey. Jack and Romey both were known to try and save people from drowning in the flood. The dog in the drawing on the left is Jack and the dog in the picture on the right is Romey.

Help Jack, the Newfoundland dog,  
save the little girl from the  
Johnstown Flood of 1889!



# BUILD A DAM



The dam that held Lake Conemaugh was an earthen dam. It was not made of concrete like dams today. Look at the picture below of the South Fork Dam. Can you build a dam like in the picture? In the space below, see if you can draw a picture of a dam.



# TAKE HOME ACTIVITY

Color in the historic Clubhouse of the South Fork Fishing and Hunting Club.





# BE AN EXPLORER!

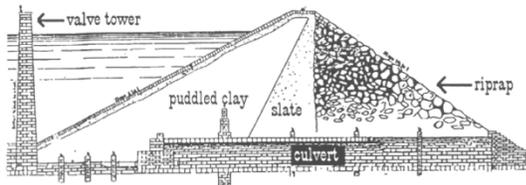


## WAIT DON'T GO! DON'T YOU WANT TO VISIT THE SOUTH FORK DAM?

Now that you have visited the Johnstown Flood National Memorial Visitor Center and learned all about the South Fork Fishing and Hunting Club, the South Fork Dam and the Johnstown Flood of 1889; take a walk to the remains of the South Fork Dam. A National Park is more than a Visitor Center; we also preserve and protect the resources, which means that we try to preserve and protect the remains of the dam. *(It is not necessary to go to the dam/trail to complete the Jr. Ranger Program! This is an extra activity.)*

### While hiking to the dam remember the following:

1. The original dam that was built was 72 feet high, 931 feet long, 270 wide (at its base), and 10 feet wide at the top of the dam.



2. A valve control tower was out in the lake that regulated the flow of water out through 5 iron pipes that went through a stone culvert.
3. After a break in the dam in the year 1862 the lake was completely drained, the valve control tower burned down, and the cast iron pipes were taken out and sold.
4. The dam was made of 2ft. layers of clay and earth. These layers were packed and rammed or pounded into place, then skimmed with water before the next layer. This made it watertight.
5. When looking out where the lake once was, use your imagination and try to envision a body of water in front of you. At full capacity the lake was almost 450 acres of water, 50-60 feet deep in spots, and held about 20 million tons of water.

You need a parent or guardian to drive you to the trailheads. (Get the directions at the Visitor Center information desk)

6. There was a spillway that looked like a waterfall on the eastern-side of the dam. It was 72 feet wide and 10 feet deep. Later a bridge was built over it so that horses and carriages could cross over.
7. In the picture on the right, you can see the fish screens that were built across the spillway to prevent the Club's fish from escaping Lake Conemaugh and heading downstream.
8. From where you are standing look onto the hillside that has the Johnstown Flood Memorial Visitor Center and the historic Unger House. This was the farm of Colonel Elias J. Unger, the last president of the South Fork Fishing & Hunting Club.





# TRAIL ACTIVITY

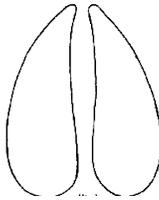


See if you can find these items while walking the trails in the park.

A Caterpillar



Animal Tracks



National Park Service Arrowhead



A Bug



A Bird



A Tree



A Bench



Wildflowers



A Butterfly



# JUNIOR RANGER PROMISE

"I, \_\_\_\_\_, am proud to be a National Park Service Junior Ranger. I promise to appreciate, respect, and protect all national parks. I also promise to continue learning about the landscape, plants, animals and history of these special places. I will share what I learn with my friends and family."



Signed, \_\_\_\_\_



To help you remember when you came to the park, use the official Johnstown Flood National Memorial passport stamp!



# FOR MORE INFORMATION

National Park Service  
[www.NPS.gov](http://www.NPS.gov)



The National Park Service preserves unimpaired the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations.

Johnstown Area Heritage Association  
[www.jaha.org](http://www.jaha.org)



The Johnstown Area Heritage Association is a non-profit, membership-based organization that exists to preserve and showcase Johnstown's nationally significant stories to the nation. To do that, we provide high-quality educational, cultural and recreational experiences in the area's unique historic settings.

National Park Service Web Rangers  
[www.NPS.gov/WebRangers](http://www.NPS.gov/WebRangers)



If you enjoyed the Junior Ranger program at Johnstown Flood National Memorial, you can go online and complete the web ranger program. Once you've finished all the activities online, you get a patch and certificate!



JOHNSTOWN FLOOD  
NATIONAL MEMORIAL



JUNIOR RANGER AWARD

This Certificate of Merit is awarded to

\_\_\_\_\_

For completing requirements of the  
Junior Ranger Program



\_\_\_\_\_ Park Ranger

\_\_\_\_\_ Date

