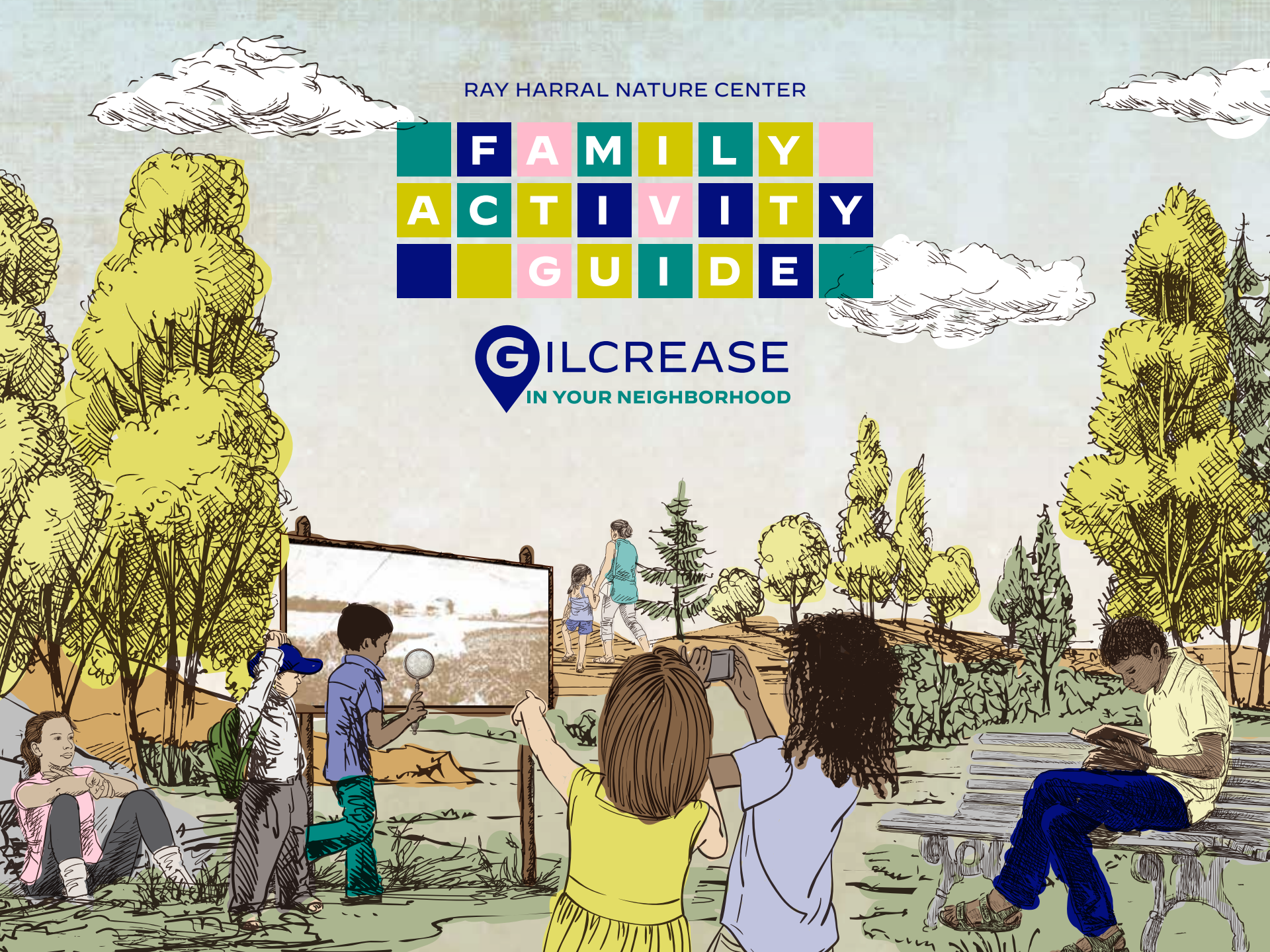


RAY HARRAL NATURE CENTER

FAMILY
ACTIVITY
GUIDE

GILCREASE
IN YOUR NEIGHBORHOOD





Unidentified Photographer, *Willie Peevyhouse Davis Seated in Grass by Water*, c. 1904-1912. Photograph, enlarged from original 2.75 x 3.75 in. Gilcrease Museum, 4327.10400. Gift of Eddie Faye Gates, Tulsa teacher, author and community activist.

▶ BE^a HISTORY Detective



Look for clues in the photograph.

When the photo was taken:

YEAR:

SEASON:

TIME OF DAY:

CLUES:

Where the photo was taken:

CLUES:

Where the photographer was located when they took the photo:

CLUES:

Who is in the photograph and What this person is doing:

CLUES:

What else do you notice about this picture?

▶ STRIKE A POSE

Over 100 years ago when Willie Peevyhouse (Davis) was photographed, most people used cameras shaped like a box. They could take only a limited number of photos at a time and had to wait until just the right moment to snap a photo. No one knew exactly what their photographs would look like until later when they were printed on special paper. They could only share photos with others by printing them.

How is taking photographs different now? How is it the same?

Imagine that a museum 100 years from now ends up with a photo taken of you today during your visit to Ray Harral.

Find a place where you would want your photograph taken. Try posing like Willie, the girl in the photograph. Then, take turns striking a pose with your group!



Tag [@gilcreasemuseum](#) on social media to share with us!

▶ TRAVEL BACK IN TIME

The photograph on the right from Broken Arrow Historical Society was taken around the same time as the photograph of Willie. Did you know that there is a natural spring in Broken Arrow? City Water Spring, called *Vcenv Hvcce* (Cedar Spring) in Muscogee language, was used by Muscogee people decades before Broken Arrow's water supply came from the spring starting in 1909. Spring houses were built directly over the spring (in what is now Ray Harral Nature Center & Park) and served as a cover, protecting the water source until it could be pumped out of the park and stored in the city's water tower. The photograph to the right shows how one of the spring houses looked in 1911.

The old spring houses can still be seen in the park today!
Look for remnants of these structures along the Black Trail.



Unidentified Photographer, *City Water Spring House*, 1911.
Photograph, Broken Arrow Historical Society.

▶ DISCUSS & DRAW

This photograph of Willie Peevyhouse (Davis) is an important family and community artifact. An artifact is something that gives us information about life in the past.

What is an artifact that is important to your family or community? What makes it special?

Draw a picture of your artifact in the frame on the right.

My artifact _____





▶ REST & RELAX

Before Oklahoma became a state in 1907, many Black families like Willie's came to this area hoping it would be a place where they could live freely and put down roots. When she lived in Oklahoma, Willie worked hard with her family on their farm. In this photo, she is taking time to relax.

Find a place at Ray Harral where you can relax and connect to your senses. Try picking up and feeling a leaf, running your fingers down the bark of a tree, breathing in the fresh air, listening to birds' songs and watching the stream.

▶ WATER SCIENCE

In the photograph, Willie is sitting by the water. Find a comfortable spot by the stream at Ray Harral.

How many living and non-living things can you find?

LIVING:

NON-LIVING:

▶ LEARN MORE

Visit Tulsa City-County Library branches to check out this related reading list curated by Larissa McNeil, African American Resource Center Coordinator.

No Place Like Home: A Story About An All-Black, All-American Town
by Hannibal B. Johnson

Black Birds in the Sky: The Story and Legacy of the 1921 Tulsa Race Massacre
by Brandy Colbert

What's Great About Oklahoma?
by Sheri Dillard

Guide to Photography
by Nancy Honovich

Gordon Parks
by Carole Boston Weatherford

Happy to Be Nappy
by bell hooks

Juneteenth for Mazie
by Floyd Cooper

Saturday
by Oge Mora

My People
by Langston Hughes

We Are Shining
by Gwendolyn Brooks



MATERIALS

Pringles tube
(keep the lid!)

Hobby craft knife
(get a grownup to help!)

Scissors

Ruler

Pen or pencil

Small piece of
wax paper

Black paint
or duct tape

Tape

Push pin

▶ CREATE AT HOME

With the help of a grownup, use items around your house to make your own pinhole camera and experience what it may have been like to take pictures nearly 100 years ago!

INSTRUCTIONS

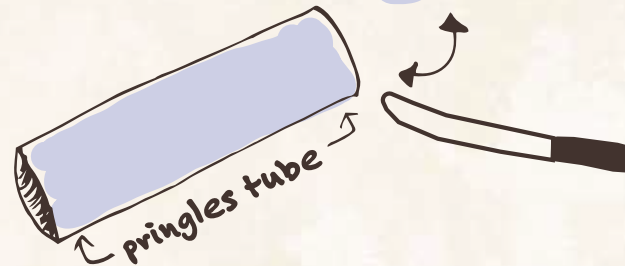
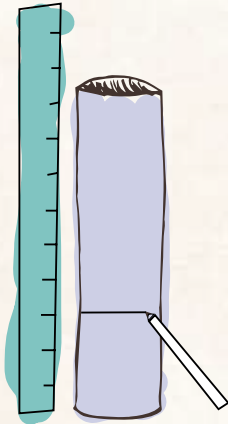
1 Take the plastic lid off the empty Pringles tube and set it aside.

2 Use a ruler to measure three inches from the bottom of the tube. Use a pen or pencil to make a small mark.

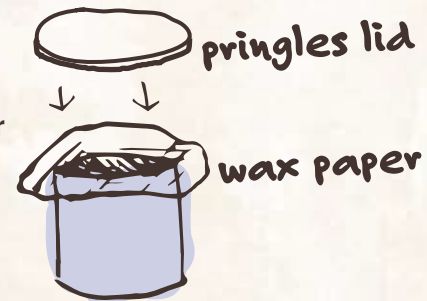
3 Have a grownup carefully cut all the way around the level of the small mark using a craft knife so that the tube is in two pieces.

4 Cut a circle out of wax paper that is slightly larger than the lid.

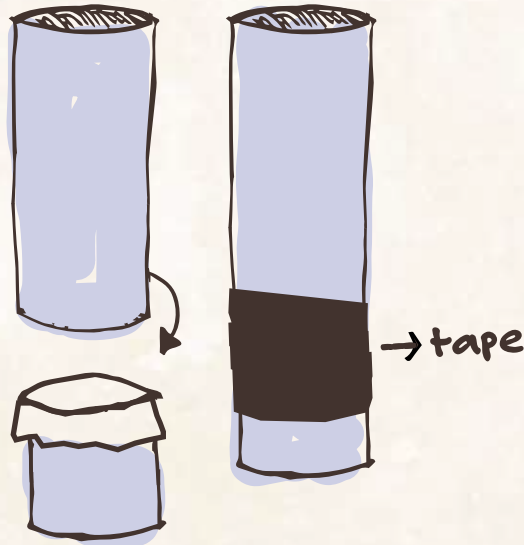
5 Set the wax paper on top of the smaller piece of the tube. Then put the lid over it to secure it.



Wax paper



6 Next, put the longer piece of the tube on top of the smaller piece and tape the two pieces together.



7 To block out any light, paint the outside of the tube black or cover with black duct tape.



8 Finally, flip the tube upside down so that the metal part is facing up, and use a push pin to create a small hole.




























9 Now the camera is ready to use! Go outside on a sunny day and hold the opening of the tube up to your eye. You should be able to see the world around you upside-down!



▶ SCAVENGER HUNT

Can you find these items as you walk the trails at Ray Herral?

				
HORSETAIL	ROCKS	SQUIRREL	EVERGREEN TREE	VINE
				
BUG HOTEL	SPIDER WEB	ACORN	FERN	ANIMAL TRACKS
				
BETLE	WATER	BRIDGE	MUSHROOM	FEATHER
				
TREE STUMP	REPTILE OR AMPHIBIAN	LICHEN	LEAVES	ANT
				
CLOUD	PINECONE	BEE	BIRD	DRAGONFLY



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