



Prince William Forest Park
18100 Park Headquarters Road
Triangle, VA 22172

Junior Ranger Corps





EXPLORE, LEARN, PROTECT, BECOME A JUNIOR RANGER!

What is a junior ranger?

A junior ranger is someone *just like you!*
A junior ranger is a 7 to 12 year old who completes their activity booklet and then promises to help care for and protect the resources and stories of our national parks.

It's a very important job!

What are national parks?

National parks are places that are so special to everyone in the nation that we all own them together. Prince William Forest Park is shared by everyone too. As you complete the activities in this booklet, you will learn about some of the people and stories that make this park unique!



Welcome to the Prince William Forest Park Junior Ranger Corps!

Become a Junior Ranger:

You can become a junior ranger at this park and many other national parks across the country. You can also visit www.nps.gov/webangers to become a junior ranger online!

Junior Ranger Guides:

In this booklet, you will meet many kids from Prince William Forest Park history. These kids will help you learn about the park and guide you through fun activities. Follow the instructions of each junior ranger guide, then fulfill the oath of the Junior Ranger Corps - *then you can teach others!*



Step One

Come to the park visitor center and talk with a park ranger! There you can pick up your booklet. Or you can get it online at www.nps.gov/prwi.



Step Two

Complete all of the activities in this booklet.



Look for the hiking boots for hikes that are **extra credit!** Complete all of the hikes and win an **extra junior ranger prize!**



Step Three

Bring your booklet back to the visitor center and take the Junior Ranger oath to get your badge and certificate!



Let's Get Started...

1

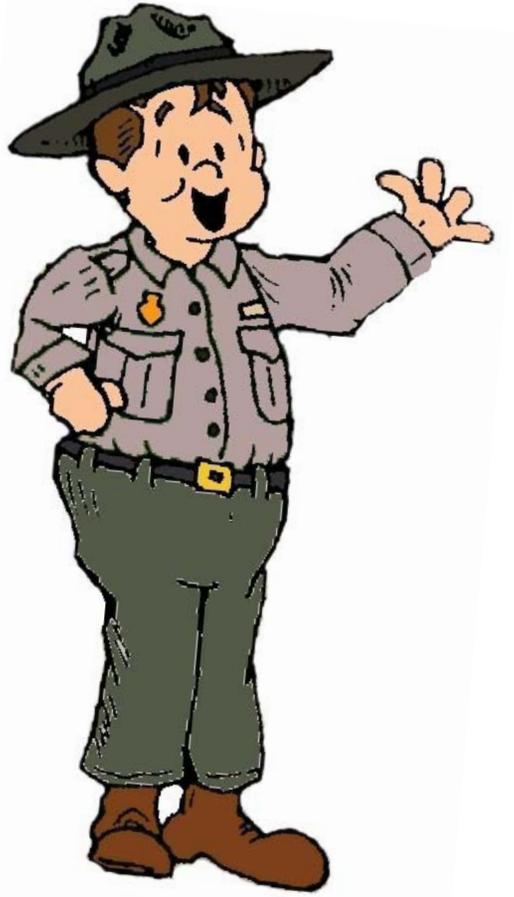
Hi kids! I'm Ranger

Ralph! I'm one of your Junior Ranger guides. To be a true Junior Ranger, it is very important to learn what national parks protect.

Have you noticed the "arrowhead" patch that all National Park Service rangers wear on their left arm? It contains symbols that represent the special things rangers help protect.

Oh no!

Someone has stolen the symbols from this arrowhead! Find an arrowhead in the park and draw in the symbols that are missing. Then make a list of what special resource each symbol represents. I've listed the first one for you.

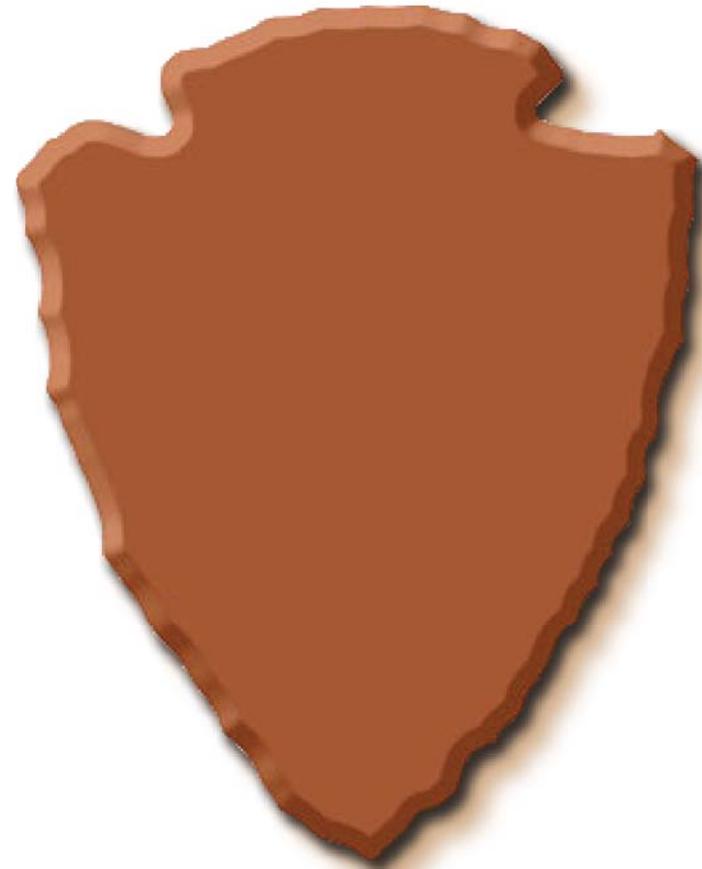


...and make your list here.

Arrowhead = history



Draw the missing symbols here...



2

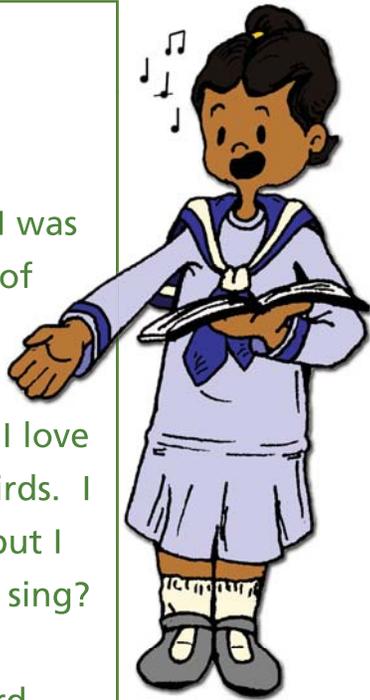
Tra-la-la! I'm Sally. I was one of the thousands of kids who went to summer camp here as early as the 1930s. I love to sing, just like the birds. I sing because it's fun, but I wonder why the birds sing?

Join me at the songbird display in the Prince William Forest Park visitor center to learn more about the birds here.

What next...

Use the word bank in the box to the right to answer the questions. Remember, use each bird only once.

Good luck!



American Redstart
Yellow-throated Vireo
Whip-poor-will
Louisiana Waterthrush
Ovenbird
Yellow-billed Cuckoo



Acadian Flycatcher
Scarlet Tanager
Hooded Warbler
Wood Thrush
Northern Parula Warbler
Worm-eating Warbler

WORD BANK

1. Did you know that the names of songbirds can help teach us geography? Three birds on the display in the visitor center have names that tell us which state, country, or region they live in. Which birds are they?

2. The names of songbirds can also tell us if they like to live in a forest or wetland. Can you pick out which songbird lives in a forest?

3. Some birds are named because of the way they build their nest. There is one bird whose nest looks similar to a round oven. Can you find this bird?

4. There are two birds that have names telling us what they like to eat. Can you find these birds?

5. There are four birds on the display that have names that describe their color or appearance. Can you find these birds?

6. Birds are often named for their songs or calls. Listen to the songbirds to find out which bird "says" its own name over and over again.

3

Hi there! I'm a *weroansqua*. That means I'm the female chief of the Doeg Indian tribe. If my brother were chief, we would call him the *weroance*. Our tribe used to camp, hunt and gather food at the park. We also used to quarry rock to use in our hunting tools.

Let's take a walk!

There are many wonderful things you can find in the park. Many things that you will find on your walk today are the same things I enjoyed finding when my mother and I lived here in the 1600s.



Doeg Scavenger Hunt

Listed below are items that have been in this area since American Indians started hunting here over 8000 years ago. Take a walk from the visitor center down the Piedmont Forest Trail or Laurel Loop Trail to see if you can find them all. Remember to always leave everything where you found it so the next person can discover it too!



Start with these items:

- an animal track
- a seed
- a natural sound
- a leaf
- a bright color
- a smell
- an animal

Now try to find something...

- younger than you
- older than you
- bigger than you
- smaller than you
- smooth
- soft
- hard



Ask a park ranger at the visitor center for a secret color chip. Walk around the visitor center or take a nearby trail to find something that matches your secret color chip!

I DID IT! _____
date here when complete

4

My name is Tracker Dan!

In the 1700s, animal trackers like me roamed across the colony of Virginia in search of beaver furs. We learned from the American Indians who lived here before us how to use beaver fur to make hats and other clothes. Unfortunately, we trapped so many beavers that by the time the United States became a country there were almost no beavers left east of the Mississippi River.

Busy Beavers

Beavers are a very important part of the Quantico Creek watershed. National parks protect all kinds of wildlife like beavers. You can help protect them by learning about these busy creatures.



Word Choices

- Foot
- Earrings
- Food
- Harmonica
- House
- Toothpaste
- Raincoat
- Honeycomb

Beavers do many of the same things people do, but not in the same way. They can't go to the store to get their food or use a hammer and nails to build their houses. Beavers find everything they need to survive in the forest.

Complete the sentences below using the choices provided.

1. A beaver's



Lodge

is like a person's _____

2. A beaver eats



Trees

like people eat _____

3. A beaver's



Fur

acts like a person's _____

Now complete the sentences by unscrambling the jumbled words

Busy VAEBERS are members of the rodent family. _____

They build MADS that help filter TAWER. _____

Beaver ponds provide good habitat for many animals including GOFRS. _____

Their DEBWEB back feet are very helpful for MIMINGSW. _____

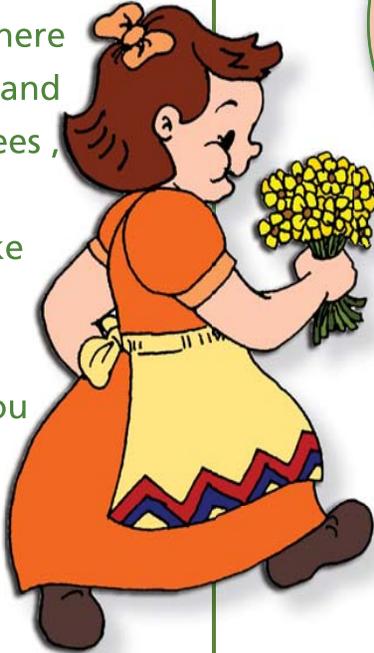
They can stay RUDEN water for up to fifteen minutes. _____

Baby beavers are called STIK. _____

They build their DOLGES out of brances and DUM. _____

5

My name is Francie. I once lived on a farm here and shared the land with animals, trees, and flowers. Wouldn't you like to learn more about the kinds of things that you can find here in Prince William Forest Park?



To learn more about my home...

Journey to the visitor center and match the objects on the "Touch and Learn Table" to the descriptions on these pages. Write the object's number in the space provided.

I am the sparkly parts of a dark rock that often "fools" people into believing I am gold.
#_____

I am a bone that animals use to chew the food they eat. I have teeth that can be flat for chewing vegetation, or teeth that are sharp and pointy for eating flesh.
#_____

I am the hard bone that holds and protects the part of a deer's body that controls breathing, thinking, running, walking, and seeing.
#_____

It takes a lot of pressure over millions of years for me to change from wood into stone. A part of my name can also mean "scared."
#_____

I am left behind when an animal walks through the mud. Scientists use me to record what animals live in the forest.
#_____

I am a light-colored rock with fairly flat edges. My creamy, shiny outside is marked with bands of other rocks and minerals.
#_____

I am the home of an animal that lives in Prince William Forest Park. With their legs and head pulled inside me, I protect this animal from predators.

#_____

There are two of me on the table. I give birds their color. A bird needs me to be able to fly.

#_____

I am a round lump that is formed when a parasite or insect invades tree limbs and plant stalks. The invading parasite causes swelling and I am the result of that swelling.

#_____

I am a piece of backbone from the largest mammal that lives and swims in the ocean.

#_____

I am a stone that is different. A long time ago, my edges were sharp and jagged like the other rocks in the forest. People used to shape me into flat stones to build homes and barns.

#_____

I was once a tall tree until a beaver moved in. Now I provide food and shelter for the beaver.

#_____

I keep a fox very warm, especially during the cold winter months. If you touch me, I feel very soft.

#_____

I am a ball of hair and bones that an owl spits up after eating a meal.

#_____

I am a large wavy object that grows on dead and decaying trees. I am brown and if you pick me up, I am very light.

#_____

I am a bone that grows bigger each year and is shed in the spring. Deer use me to defend themselves and to show off to the females in their herd.

#_____

6

Howdy kids, I'm John!

I'm a farmer's son. Can you find a picture of me when I was 6 years old in the farming exhibit at the visitor center?

A simple life...

In the old days, folks around here led a simple life. We farmed or hunted all of the food we ate. My mom used to make all our clothes from flour sacks or rags. I always helped out by taking care of the house, the farm animals, or at my family's country store. When I wasn't helping out, I liked to write letters like this to my friends. Back then, letters (not TVs) were how folks got the latest news!



Like most farmers' children, school was often set aside for work on the farm. But kids often wrote and read better than their parents. Read John's letter about his very special day with his dad. Then help John find the misplaced modern-day items in the store on the next page.

Dear Henry,

Yesterday, I couldn't do any more farm work, so my dad asked me to help out at the store.

I love to help my dad out at the store. It's just one small room that is filled top to bottom with so many things.

Folks come there from all over the county to get odds and ends and, of course, to catch up on what their neighbors are doing. They also bring their letters there to have them read - if they don't know how to read. For most folks, it's a special occasion to come to the store since there aren't too many around and that means they've got some money to spend. Must've been a good harvest.

Trouble was, yesterday there were all kinds of things there that I'd never seen before. I drew a picture for you. Can you find the items that don't belong in my ole' time country store? Thanks!

*Your friend,
John*

Take a hike! Drive to the Turkey Run Education Center parking lot. Take Old Blacktop Road to Taylor Farm Road to see the site of the Taylor Family Farm.

I DID IT! _____
date here when complete



List the modern-day items here.

7

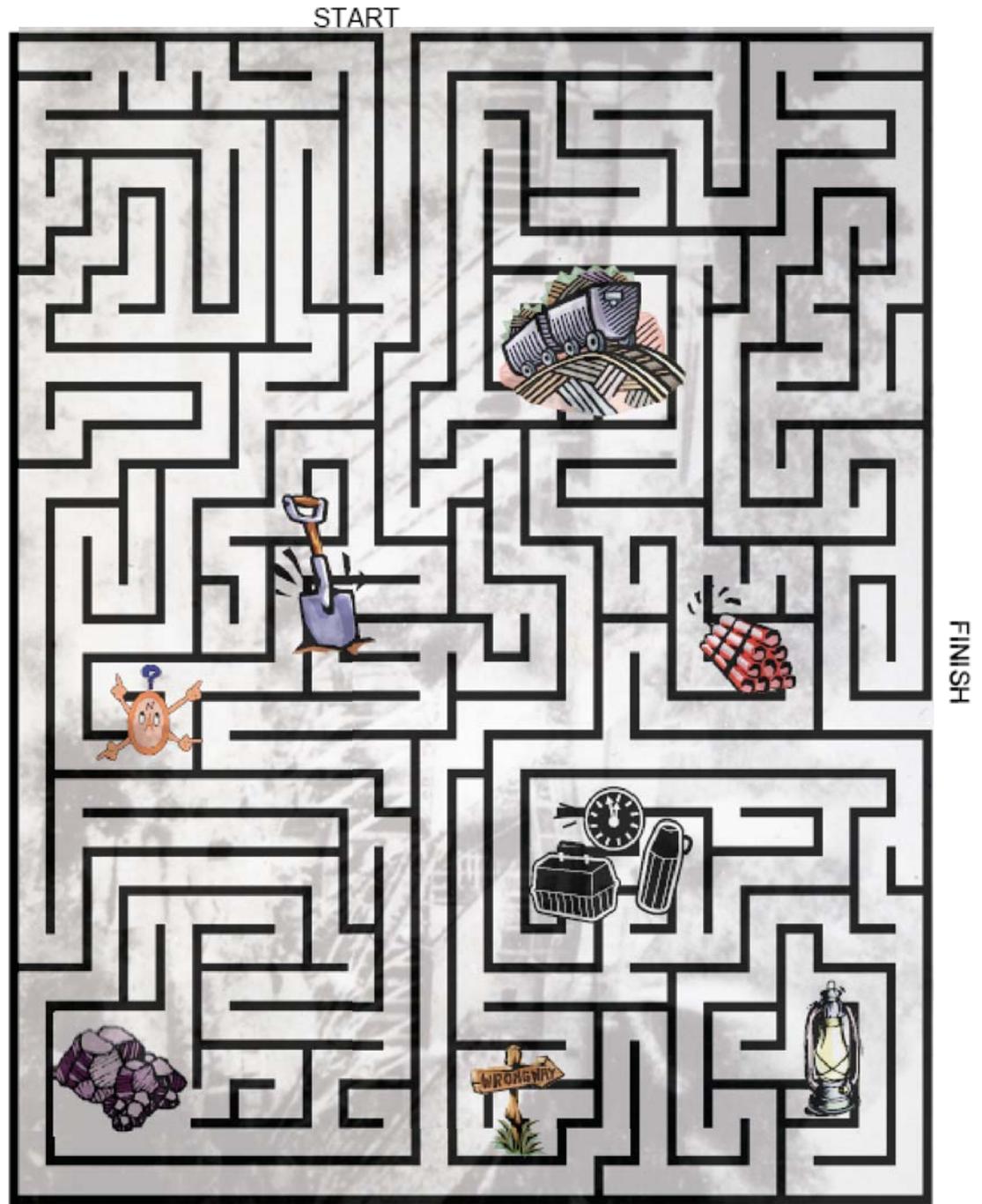
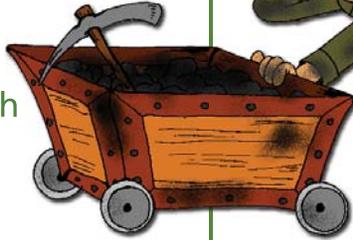
Look out! I'm Pyrite Paul!

A miner's life...

The Cabin Branch Pyrite Mine operated from 1889 to 1920. Pyrite (pronounced Pie-right) is sometimes called "Fool's Gold." The pyrite was "roasted" for sulfur, an important ingredient in making paper, rubber, medicines and explosives. Many local residents worked in the mine, including kids!

How do I get out of here?

It's very dark underground in the mines. Can you help me find my way out? Watch out for hazards of mining, it can be a dangerous job!



Take a hike! Drive to parking lot "D" and hike down the Pyrite Mine Road to the Cabin Branch Mine Trail. You'll see the foundations of the old pyrite mine.

I DID IT! _____
date here when complete

8

Hi, I'm Joe! I just enrolled in the Civilian Conservation Corps (the CCC).

About the CCC

From 1935-1942 the CCC built the Chopawamsic (*chop-ah-wahm-sick*) Recreational Demonstration Area, which in 1948 became Prince William Forest Park.

The CCC built five cabin camps, dams, lakes and bridges in the park - many of which are still in use today.

Join the CCC!

Now it's time for you to sign up. Fill out this special application.



Application for Enrollment in the Civilian Conservation Corps

For Official Use

Date: _____
Local Agency: NPS
City or Town: Dumfries, VA

What is your name? _____
Do you live on a farm? _____
How tall are you? _____
How much do you weigh? _____
How old are you? _____
Are you married? _____
Are you a US citizen? _____
Are you male or female? _____
Are you employed? _____
How much do you earn/week?
\$ _____
How many years of schooling do you have? _____
How many brothers and sisters do you have? _____
What do your father & mother do?
_____ _____
How many rooms are in your house? _____
Do you have running water? _____
Do you have an ice box? _____
Do you have a telephone? _____

Application for Enrollment in the Civilian Conservation Corps

For Official Use

Date: *July 6, 1936*
Local Agency: *Chopawamsic RDA*
City or Town: *Dumfries, VA*

What is your name? *John Doe*
Do you live on a farm? *Yes*
How tall are you? *5 ft. 8 in*
How much do you weigh? *145 lbs*
How old are you? *Eighteen*
Are you married? *No*
Are you a US citizen? *Yes*
Are you male or female? *Male*
Are you employed? *No*
How much \$ do you earn/week?
\$ 8.00
How many years of schooling do you have? *6*
How many brothers and sisters do you have? *4*
What do your father & mother do?
farmer, housewife
How many rooms are in your house? *6*
Do you have running water? *No*
Do you have an ice box? *No*
Do you have a telephone? *No*

9

Welcome to summer camp! The cabins at Prince William Forest Park were built as summer camps for kids from around Washington, D.C. They were built for health and happiness! Now you can design your own camp.

Name it... then build it!

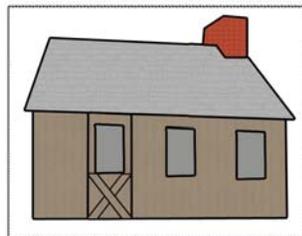
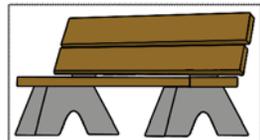
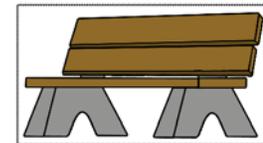
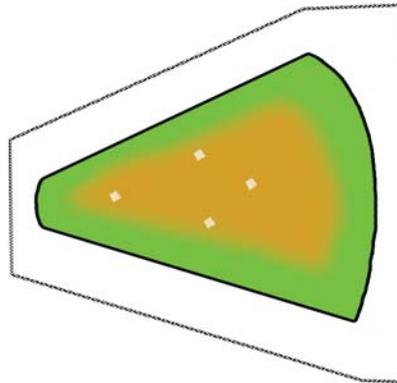
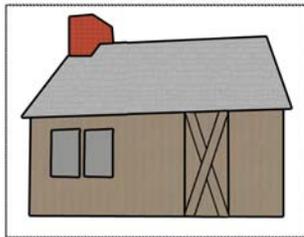
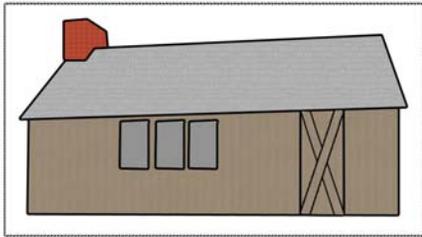
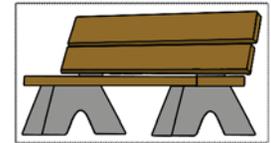
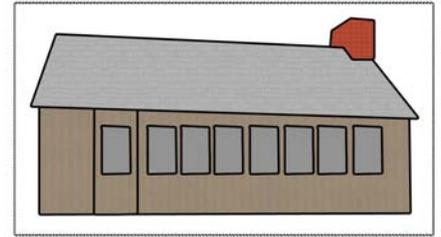
Write the name of your camp on the camp banner. Then, on the next page you will find a page full of cabins, campfires, and other items to use to decorate your camp. Cut out the pieces and glue or tape them to this page to make your camp come to life! Under each cabin write what activities your summer campers will enjoy!

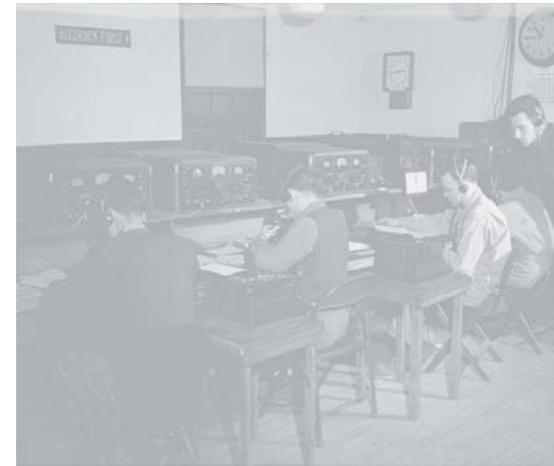
WELCOME TO CAMP _____



Campfire Cabins

Cut out the cabins, campfires, benches, and the ballfield to design your very own cabin camp!





The Office of Strategic Services in Prince William Forest Park. All photos used courtesy of the National Archives and Records Administration.



10

This is Agent Jack coding in! I'm from the Office of Strategic Services. I was trained to be a spy here during World War II. I learned how to use Morse Code, hide my identity, and find my way in the woods. A good spy must be cool-headed, fast-thinking, and have good observation skills.

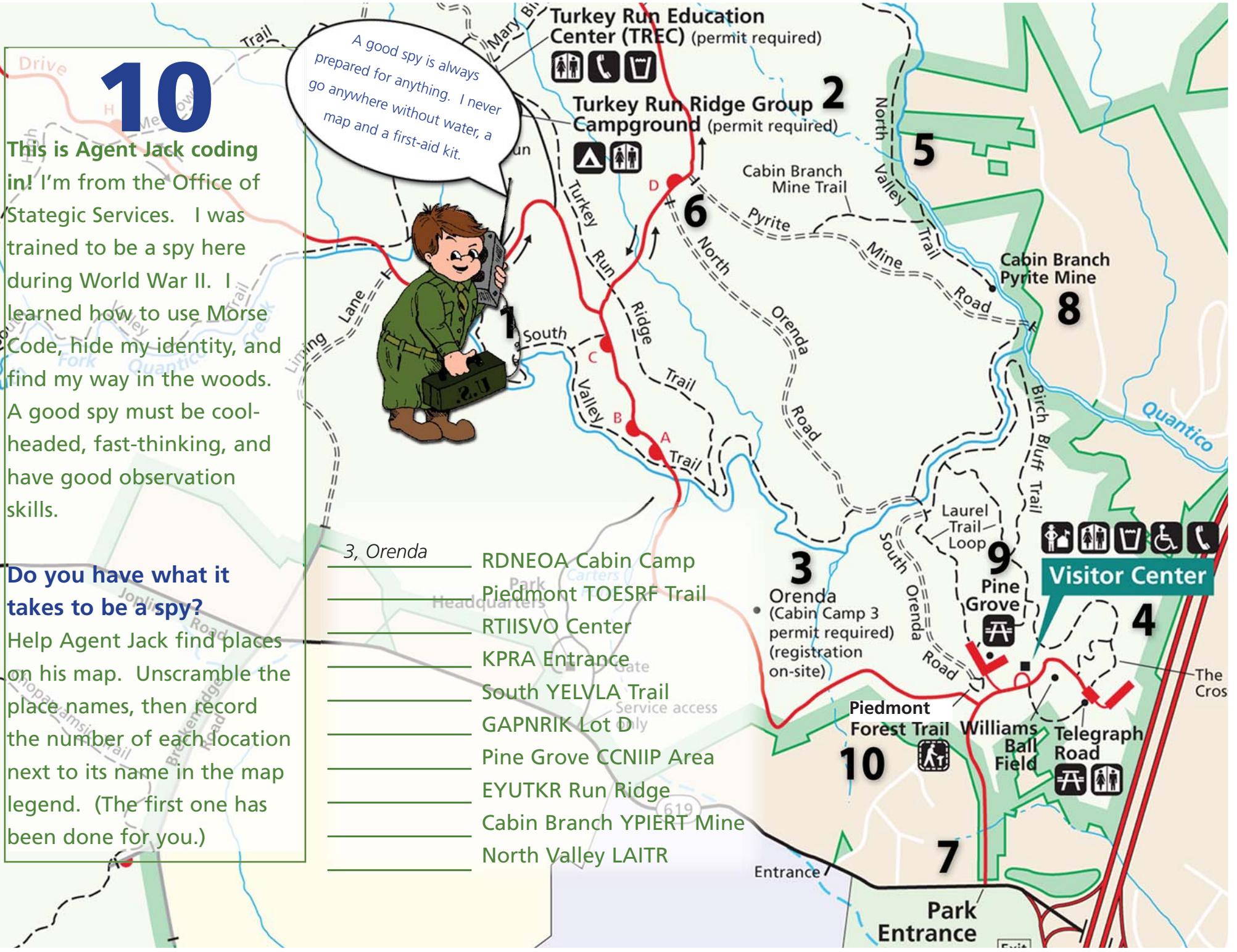
A good spy is always prepared for anything. I never go anywhere without water, a map and a first-aid kit.



Do you have what it takes to be a spy?

Help Agent Jack find places on his map. Unscramble the place names, then record the number of each location next to its name in the map legend. (The first one has been done for you.)

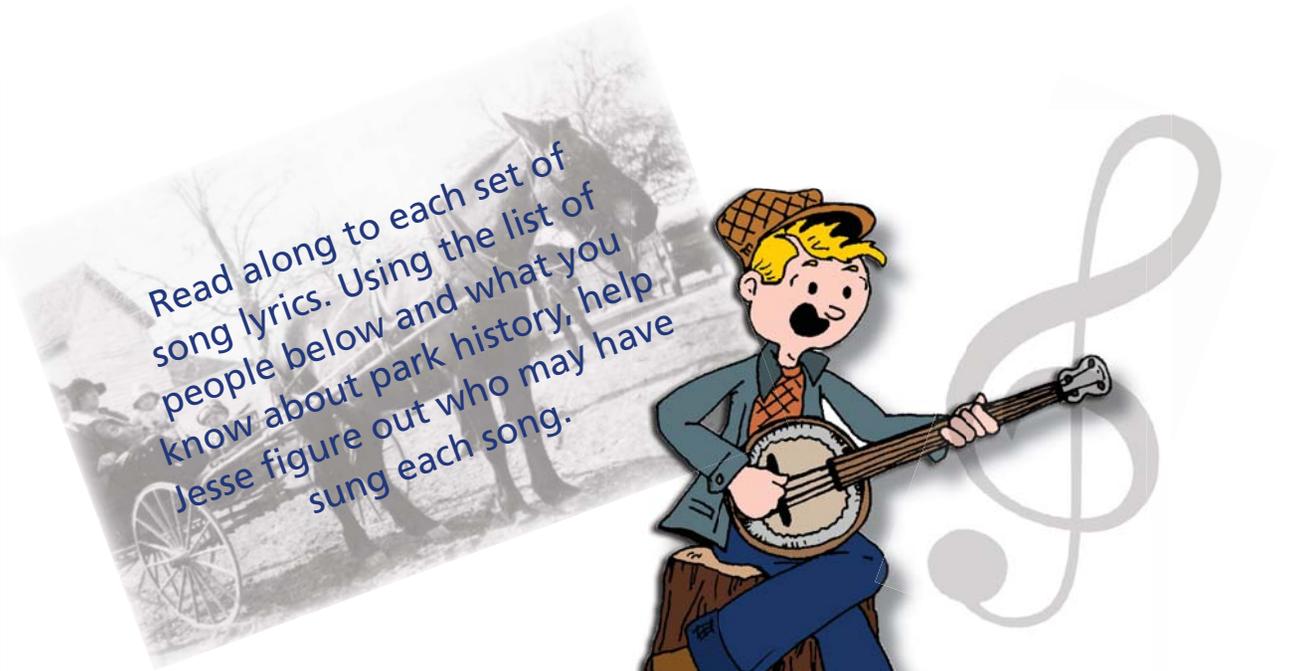
- _____ 3, Orenda
- _____ RDNEOA Cabin Camp
- _____ Piedmont TOESRF Trail
- _____ RTIISVO Center
- _____ KPRA Entrance
- _____ South YELVLA Trail
- _____ GAPNRIK Lot D
- _____ Pine Grove CCNIIP Area
- _____ EYUTKR Run Ridge
- _____ Cabin Branch YPIERT Mine
- _____ North Valley LAITR



11

Howdy y'all, I'm Jesse! Did you know there are many ways to learn about history - you can read about it, look at art, watch a movie, or listen to stories told by the people who lived it. But did you know that history can also be studied by listening to music? Songs can teach us about people and their feelings about things like family, work, war, and religion. Sometimes, if you listen closely to the words of songs, you will hear they have something important to tell.

Listening to history! Can you hear it? For hundreds of years, people called what is now Prince William Forest Park "home." Native Americans, Civil War soldiers, farmers, the OSSers, CCCers, miners, church-goers, and school children all left their mark on this land. We can learn a lot about their way of life and their troubles and experiences by listening to the songs they sang.



Read along to each set of song lyrics. Using the list of people below and what you know about park history, help Jesse figure out who may have sung each song.

Here is a list of people who lived on this land before it became Prince William Forest Park. Can you tell which song belongs to which person?



We were down, But never down and out
We were lost, But never lost in doubt
We were broke, But we were never broken
Got on the March, In March and April '33
Bent our backs, Back from poverty
And became a generation
That led a Nation to believe
My Land, I've held you in my hands
In ways, you still can see
Your mountains to the shore
Civilian Conservation Corps
My Land, and the C.C.C.

Who sang it? _____

They used to tell me I was building a dream,
And so I followed the mob,
When there was earth to plow,
Or guns to bear,
I was always there right on the job.
They used to tell me I was building a dream,
With peace and glory ahead,
Why should I be standing in line,
Just waiting for bread?
Once I built a railroad, I made it run,
Made it race against time.
Once I built a railroad; now it's done.
Brother, can you spare a dime?
Once I built a tower, up to the sun,
Brick, and rivet, and lime;
Once I built a tower, now it's done.
Brother, can you spare a dime?

Who sang it? _____

Come and listen you fellows, so young and so fine,
And seek not your fortune in the dark, dreary mines.
It will form as a habit and seep in your soul,
'Till the stream of your blood is as black as the coal.
It's dark as a dungeon and damp as the dew,
Where danger is double and pleasures are few,
Where the rain never falls and the sun never shines
It's dark as a dungeon way down in the mine.

Who sang it? _____

*There's a man who leads a life of danger
To everyone he meets he stays a stranger
With every move he makes
Another chance he takes
Odds are he won't live to see tomorrow*

*Secret agent man, secret agent man
They've given you a number
And taken away your name.*

Who sang it? _____

We mean to make things over,
We are tired of toil for naught
With but bare enough to live upon
And ne'er an hour for thought.
We want to feel the sunshine
And we want to smell the flow'rs
We are sure that God has willed it
And we mean to have eight hours;
We're summoning our forces
From the shipyard, shop and mill

Eight hours for work,
Eight hours for rest
Eight hours for what we will;
Eight hours for work,
Eight hours for rest
Eight hours for what we will.

Who sang it? _____

Amazing Grace, how sweet the sound,
That saved a wretch like me...
I once was lost but now am found,
Was blind, but now, I see.

T'was Grace that taught...
my heart to fear.
And Grace, my fears relieved.
How precious did that Grace appear...
the hour I first believed.

Who sang it? _____

12

Hi, I'm Ranger Sally! I'm here to take you on an exciting letterboxing adventure through a Prince William Forest Park trail!

What is letterboxing?

It is a fun, family activity that combines hiking, treasure hunting, navigation, and even arts and crafts.

Getting Started...

Ask a ranger how to get to the Piedmont Forest Trail. Follow the clues in this booklet to discover a secret letterbox somewhere on the trail. The letterbox contains a logbook, ink pad, and rubber stamp.

When you find the letterbox...

Use the ink pad to stamp your thumbprint in the logbook and write today's date next to it. Using the rubber stamp from the box, stamp this Junior Ranger booklet in the space provided.



Can you find the letterbox
I hid on the Piedmont Forest Trail?
If you follow these clues, you'll
learn a little bit about
the forest too!

Difficulty: Easy
Walking Conditions: Rubberized Path
Type: Forest, Natural
1 Pace = 2 steps

Welcome to the park, it's open from dawn to dark!
Come join the quest, to find the box and do your best,
To preserve our park for all to enjoy, man, woman, girl
and boy.

Begin the task at the Piedmont Forest sign,
Near where picnickers come to play and dine.

Walk on the path until you see,
A green mark painted on a tree.
This BLAZE is used to show the way
For hikers to trek in the woods all day.

When you turn to the left, see the tree that is hurt.
People carved their names, so please be alert.
A tree cannot heal, instead it forms a seal,
To protect itself from rot and disease,
But this shortens the lives of these beautiful trees.

On the tree to the left, beware the Tarzan rope,
Wrapped around the trunk. Now don't be a dope:
It's poison ivy by name, so you've got yourself to blame
If you begin to itch & sting,
Because you touched the thing.

As you continue along, a stone bench seems to call
You to sit for a bit as you ponder it all.

Walk a few steps, then make a decision
To take the fork to the right when you see a division.

Next you'll see two blazed guards astride the path.
Take care of the forest or you'll incur their wrath.

Follow along, on the right there's a stump
That serves as a home for insects, happy and plump.

On the left grows a tree, or maybe even three;
Either way, it's a giant, don't you agree?

You'll come to a bridge that you'll use to check your paces;
If you count 7, then you'll be aces.

Straight ahead for a bit, then the path takes a curve
To a longer bridge this time that makes a big swerve.

Rocks along the side of the path on the right
Will lead you to turn left to see an interesting sight--
A tree with a hollow fit for hobbits or gnomes,
Or any small creatures to make a nice home.

Walk across the small bridge, then begin your count;
9 paces, turn right and from the path dismount.

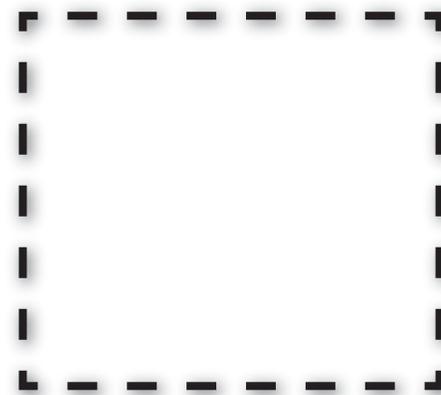
Count 12 paces more to where the gravel begins;
And 14 paces on rocks, turn left and face the twins:
Two tall trees side by side bid you walk
Eight paces more toward the treasure you stalk.
The tree on the left has a space on its side
Where rocks cover the letterbox hidden inside.

Take care with the box and please take a look
For creepy, crawly creatures before you stamp the book.

Use your thumb and the date to leave as a sign
That you were there and then take the time
To use the stamp in the box to mark this little pad;
Then put the box back so others will be glad
When they find the box after you; and they can letterbox
too.

Now that you've found what you sought in the park,
Continue on the trail, but not after dark.
Enjoy nature's bounty, the trees, birds and bugs;
You've got your reward and deserve some hugs!

Use this space to place the
stamp you have found.



Did you remember to stamp your thumbprint in
the log book with today's date? Hurray -- you've
been letterboxing! But remember, don't tell
anyone where you found the letterbox -- it's a
secret! And be sure to put everything (including
the letterbox) right back where you found it.

Did you like this activity?
If so, learn more about it at www.letterboxing.org.

13

Lookout kids! I'm Agent Janey. I trained here with the Office of Strategic Services to become a spy. One of the first spy lessons I learned here was how to be invisible. Wherever we went, we left no evidence that we were ever there.

Leave No Trace

This lesson is just as important to remember when hiking or camping in a national park like Prince William Forest Park. "Leave No Trace" means that you enjoy a place without leaving any evidence that you've been there. Complete the activities on this page to learn how to Leave No Trace.



Across

1. When hiking, always stay on the _____.
2. Plan ahead and always carry drinking _____.
3. Be sure to put out the hot ashes of your _____ completely.
4. Always keep your dog on a _____.
5. Watch out for _____ and other wildlife on the roads.

Down

1. Don't litter – your _____ can be harmful to wildlife.
2. If you find a baby animal, it's best to _____ it where you found it.
3. Always wear a _____ to protect your head when riding your bike.
4. Obey the posted speed _____ when driving through the park.

The crossword puzzle grid is composed of white squares with black borders. The grid is partially filled with illustrations: a campfire, a dog on a leash, a water bottle, a dog climbing a tree, a speed limit sign (25), and a deer crossing sign. The grid has 5 numbered squares for Across and 4 numbered squares for Down.

Congratulations, you have completed the Prince William Forest Park Junior Ranger Corps!

NPS Park Ranger contributors:

Kathi Bertsch

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Special Thanks...

to volunteer Matthew Lawrence who generously donated his time and talent to illustrate this booklet and to volunteer Laura Stevenson for the finishing touch on design and layout.

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Now that you have completed all the activities, take this booklet to the visitor center and ask a park ranger to look it over.



Have the park ranger say the Junior Ranger Oath with you and present your badge!



Don't forget to get your certificate in the back of this book signed too!



***As an official member of the Junior Ranger Corps,
don't forget to spread the word...***

Prince William Forest Park

National Park Service
U.S. Department of the Interior

Prince William Forest Park
18100 Park Headquarters Road
Triangle, VA 22172



I _____ promise to protect and preserve the plants, animals, and history of the park. I will share what I have learned with others, pick up trash when I see it, and forever explore Prince William Forest Park and other national parks.



This certifies that

_____ is an official Junior Ranger through the completion of all required activities at Prince William Forest Park.

Park Ranger Signature

