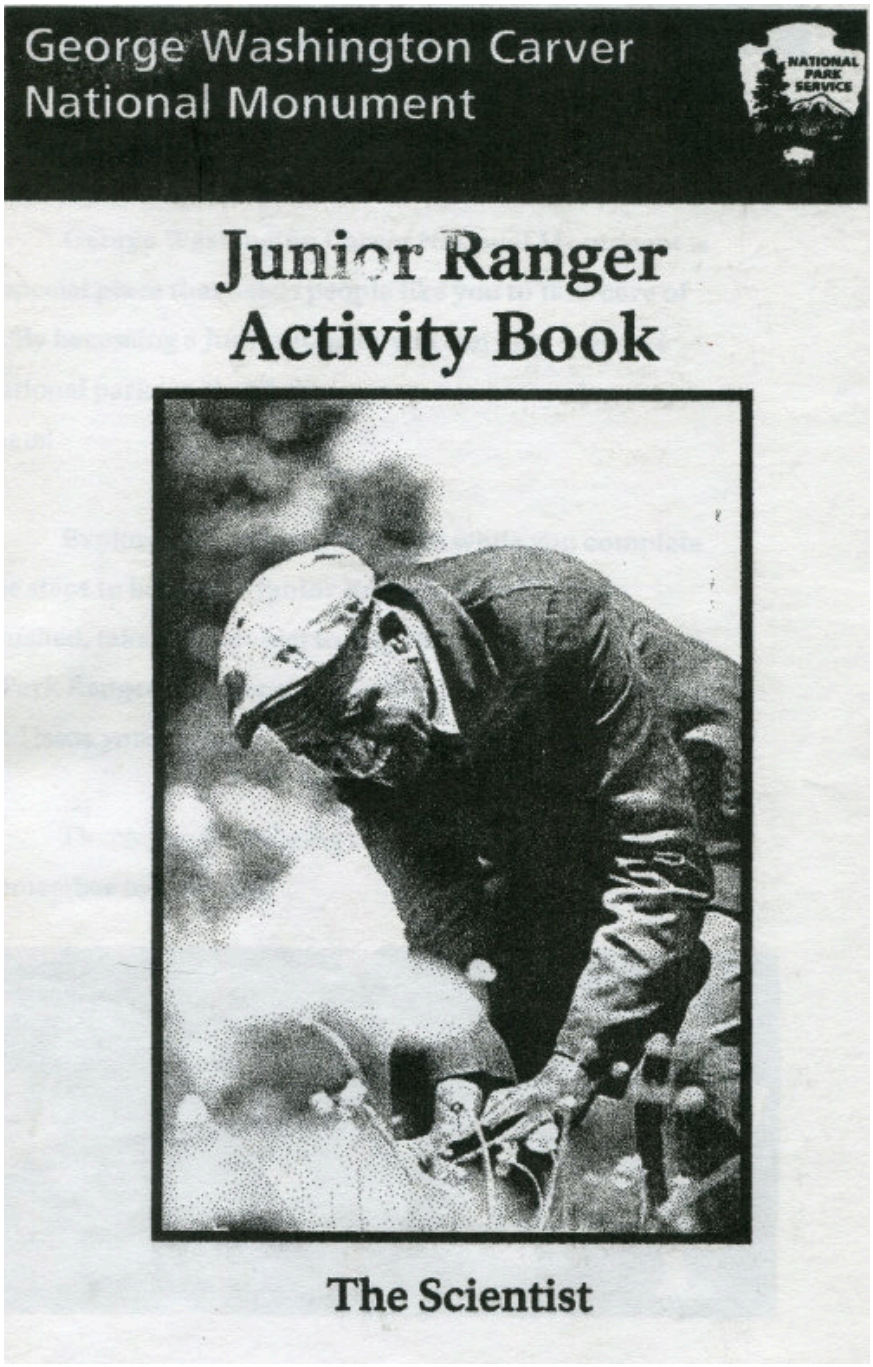
*** START OF THE PROJECT GUTENBERG EBOOK 61104 ***



George Washington Carver National Monument

Junior Ranger Activity Book

The Scientist

A Junior Ranger's Job....

Welcome to George Washington Carver National Monument's Junior Ranger Program!

George Washington Carver National Monument is a special place that needs people like you to take care of it. By becoming a Junior Ranger you can help preserve national parks so that future generations may also enjoy them!

Explore the park and have fun while you complete the steps to become a Junior Ranger. When you are finished, take this booklet to the Visitor Center and have a Park Ranger or other staff member sign your certificate and issue your badge.

Thank you for helping to preserve national parks. Remember to have fun!

A Park Ranger's Job....

Park Rangers help protect and take care of America's national parks. Park Rangers work at national parks all across the United States. Here at George Washington Carver National Monument, Park Rangers have many important jobs, such as:

- Teaching people about George Washington Carver
- Protecting the plants and animals
- Taking care of the trails, museum, and historic structures
- Giving park tours
- Leading nature walks
- Providing assistance to visitors
- Much more!

Are you ready to begin your journey through George Washington Carver National Monument and discover many things about Dr. Carver? Turn to the next page!

Becoming a Junior Ranger....

Earn your Junior Ranger badge and certificate by following these two steps:

1. Complete at least **one** of the activity pages with a sketch of young George.

2. Complete at least **five** of the activity pages with a sketch of George Washington Carver in his laboratory.

Once you have completed both steps, take your activity book to the visitor center for a Park Ranger to sign your certificate and to issue your Junior Ranger badge!

A Park Ranger Program....

There are many Park Ranger programs offered at the park. Check at the visitor center to see when the next program will start.

Make sure you participate in the program and ask lots of questions! When the program is over ask the Park Ranger to sign below.

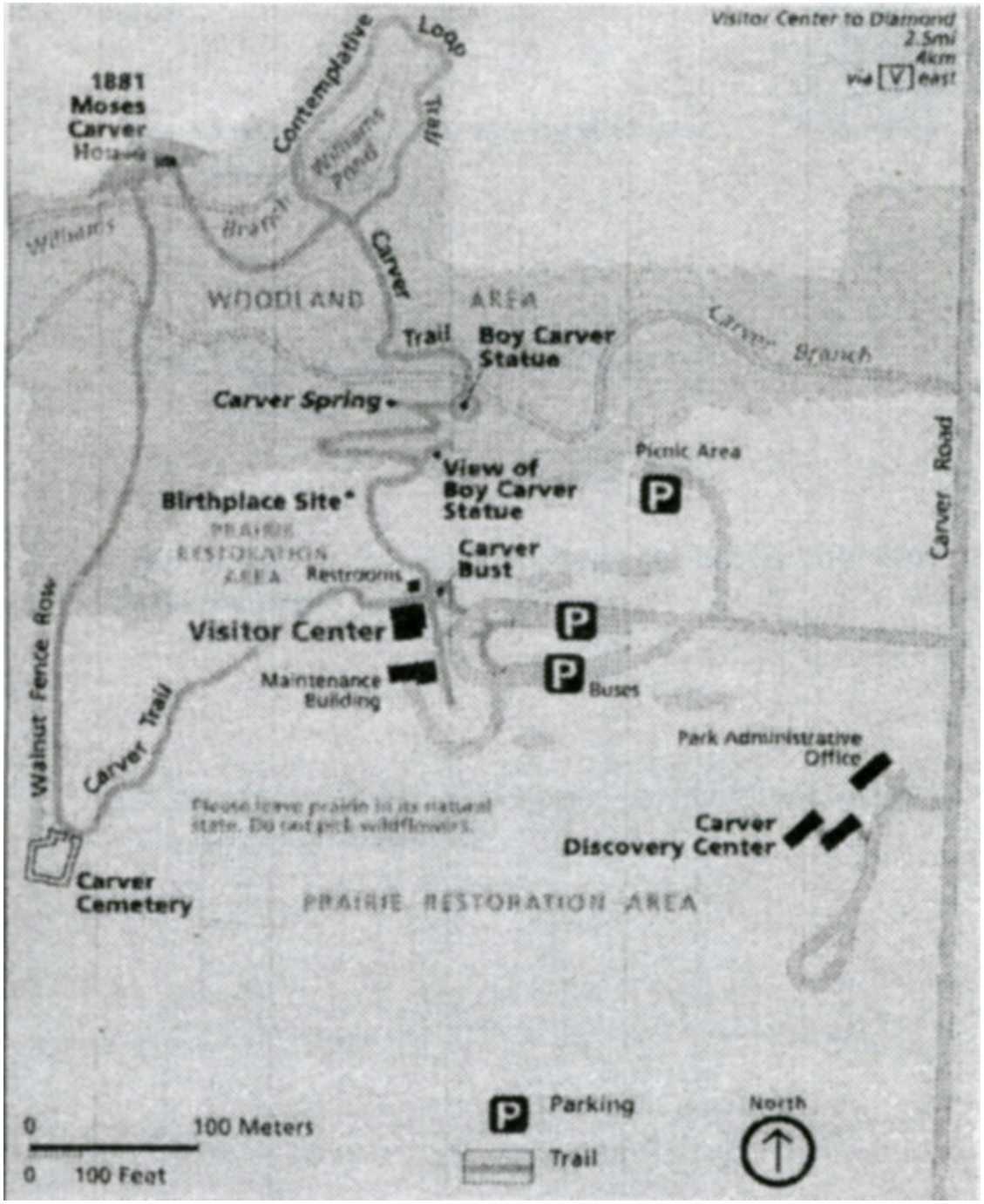
_____
Program Title

_____
Date

_____
Park Ranger

Park Map....

This park map will help you find your way while visiting George Washington Carver National Monument.



A Carver Video....

Watch the Boyhood Carver video at the visitor center and answer the questions below.

1. The Moses Carver farm was located near what Missouri town?

2. What happened to George's mother?

3. Did George do the easier chores or the harder chores on the Carver farm?

4. What are two things that George taught himself to do while on the Carver farm?

5. What did George use to teach himself how to read?

Trailblazing....

Hike the Carver trail where young George used his curiosity to find out about the world around him. Write about or draw three things you see while hiking the trail!

The Carver trail leads to the 1881 Moses Carver House, Williams Pond, and Carver Family Cemetery.

Equipment....

Find the bust of Dr. Carver and listen to the poem he is reading called *Equipment*, by Edgar A. Guest.

The equipment listed in the poem symbolizes our attitudes in life. *What do you think?* Check the best answer.

"Two arms" means:

I can work with all of my strength ☐ OR I should cross my arms and quit ☐

"Two hands" means:

I can do helpful things ☐ OR I cannot do helpful things ☐

"Two legs" means:

I can go wherever I choose ☐ OR I cannot accomplish very much ☐

"Two eyes" means:

I can learn by reading and observing ☐ OR I should watch a lot of TV ☐

"A brain" means:

I can keep learning for my whole life ☐ OR I do not have to keep learning ☐

"Start for the top and say ..."

I Can! ☐ OR I Can't! ☐

The Mission....

The Organic Act Aug. 25, 1916 gives the mission of the National Park Service

"... to conserve ☐ the scenery ☐ and the natural ☐ and historic ☐ objects and the wildlife ☐ therein, and to provide ☐ for the enjoyment ☐ of the same ☐ in such a manner ☐ and by such means ☐ as will leave ☐ them unimpaired ☐ for the enjoyment of future generations ☐."

Find the mission of the National Park Service by circling each underlined word. They may be diagonal or backward.

T Z L C E E F J E E O S C O W
T H Z G T R A J Z I A C U L A
A L Q P N P O E T L T M E W E
G M G Z R Y X T L D E A Y Q M
R E U R M O F U S L F N B J A
S Z N E I U V N D I Q N M U S
B O N E T G Y I W W H E U R E
Q T Y U R R B M D W D R A J P
I R R A E A D P R E A W V Y M
G E Z N C M T A S N A E M W H
T Y E L W M P I N A T U R A L
D C D U Q P H R O X T A U G J
S O H U E V R E S N O C A Z M
A Z N V R M A D R F S P J L J

Dr. Carver Says....

Read the Carver Quotes page and write your favorite quote here....

Draw a picture about the quote.

Carver Quotes....

"*Day after day I spent in the woods alone in order to collect my floral beauties, and put them in my little garden I had hidden in brush not far from the house....*"

G. W. Carver

"*I never saw anybody do anything with his hands that I couldn't do with mine*."

G. W. Carver

"*Equipment is not in the laboratory, but in the head of the man running it*."

G. W. Carver

"*From a child, I had an inordinate desire for knowledge, and especially music, painting, and the science of Algebra being all of my favorite studies*."

G. W. Carver

Museum Bingo....

Explore the museum to find out about George's life.

The map showing all the places George lived ☐	**The list of peanut by-products** ☐	**The letter called "Brief History"** ☐	**George's report card that show his grades** ☐	**The model of the log cabin** ☐
The model of the sod house ☐	**The trunk like the one George kept** ☐	**The marbles from the birthplace cabin** ☐	**The bill of sale for George's mother, Mary** ☐	**The lace collar Dr. Carver made** ☐
A microscope ☐	**The picture of a submarine named for Dr. Carver** ☐	**FREE SPACE** ☐	**A picture of Henry Ford with Dr. Carver** ☐	**A Bible** ☐
Your favorite quote that Dr. Carver said ☐	**One of Dr. Carver's bulletins that is not written in English** ☐	**A picture of Moses Carver** ☐	**The violin that George knew how to play** ☐	**The Roosevelt Medal** ☐
Use the headphones to listen to friends of Dr. Carver ☐	**A painting by George Washington Carver** ☐	**A photo of Dr. Carver shaking hands with a U.S. President** ☐	**The map of Missouri during the Civil War** ☐	**A picture of George's brother, Jim** ☐

Rock Discovery....

Find the Rock Classification drawer in the Discovery Center and give a definition and example of each of the following types of rock.

Sedimentary Definition _____ Sedimentary Example _____

Igneous Definition _____ Igneous Example _____

Metamorphic Definition _____ Metamorphic Example _____

Overcoming Obstacles....

George Washington Carver overcame many obstacles that could have stopped him from becoming a successful, happy man. Read the vocabulary words below and explain how George overcome each of these obstacles.

Racism the belief that people of one race are superior to people of other races

Segregation separation of people based upon differences

Prejudice predetermined judgement about someone

Illness George had whooping cough and the croup as a child

Becoming Orphaned George lost both his parents when he was little

Art....

George loved to paint and discovered new ways to make colors from soil and different plants. Draw a picture of your favorite place at the park.

Carver Discoveries....

George called his laboratory "God's little workshop." Each time George worked in his lab he enjoyed finding new uses for plants. He came up with over 300 different products from the peanut plant. See if you can find out what George is teaching by solving the peanut code below.

1	4	3	5	1
+ 2	+ 3	+ 2	+ 1	+ 1
☐ =S	☐ =E	☐ =T	☐ =L	☐ =G

2	3	4	5	1
+ 2	+ 5	+ 5	+ 5	+ 0
☐ =H	☐ =R	☐ =W	☐ =O	☐ =U

Fill in the letters below to learn fun peanut facts!

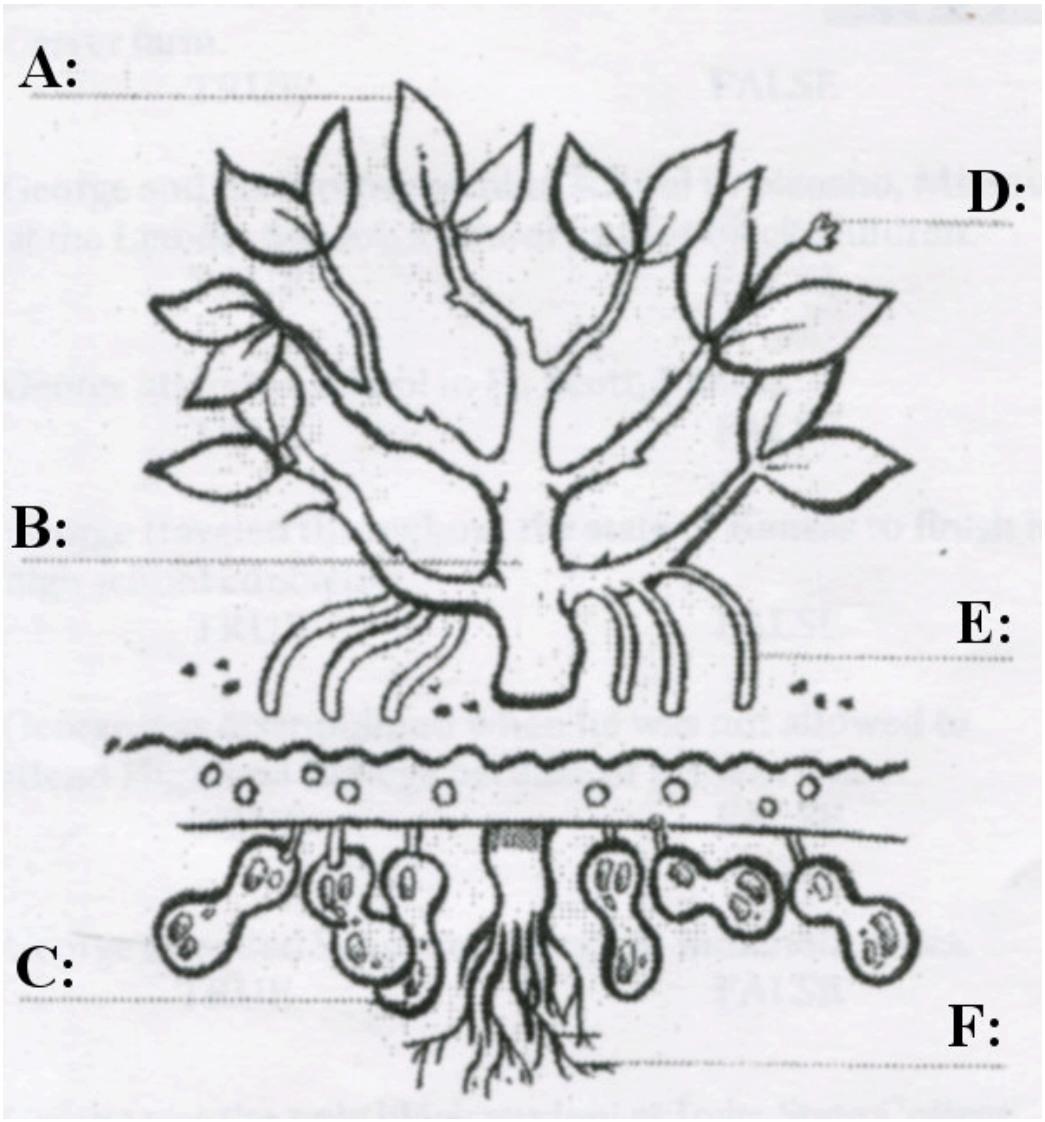
1. The peanut ☐☐☐☐☐ is like a pea pod.
   3 4 7 6 6
2. Peanuts have protein to make you ☐☐☐☐.
   2 8 10 9.
3. Peanuts came from ☐☐☐☐☐ America.
   3 10 1 5 4

Carver Creativity....

Dr. Carver worked in his laboratory with many different plants, such as peanuts, soybeans, and sweet potatoes. In the space below, write a story telling about a new product that you would like to make from your favorite plant. Explain how you would make your product and tell its uses.

Soil Discovery....

George Washington Carver found over 300 peanut by-products. Use the charts in the Discovery Center to label the parts of the peanut plant.



☐ flower · ☐ peg · ☐ stem · ☐ leaf · ☐ roots · ☐ peanut

Why are peanuts good for the soil?

Carver's Quest for Education....

George Washington Carver was a lifetime learner. Check the correct answers.

1. Young George was allowed to attend school at the Locust Grove School near the Carver farm.

○ TRUE ○ FALSE

2. George and his brother went to school in Neosho, Missouri at the Lincoln School, a school just for black children.

○ TRUE ○ FALSE

3. George attended school in Ft. Scott, Kansas.

○ TRUE ○ FALSE

4. George traveled throughout the state of Kansas to finish his high school education.

○ TRUE ○ FALSE

5. George was disappointed when he was not allowed to attend Highland College because of his skin color.

○ TRUE ○ FALSE

6. George attended Simpson College in Indianola, Iowa.

○ TRUE ○ FALSE

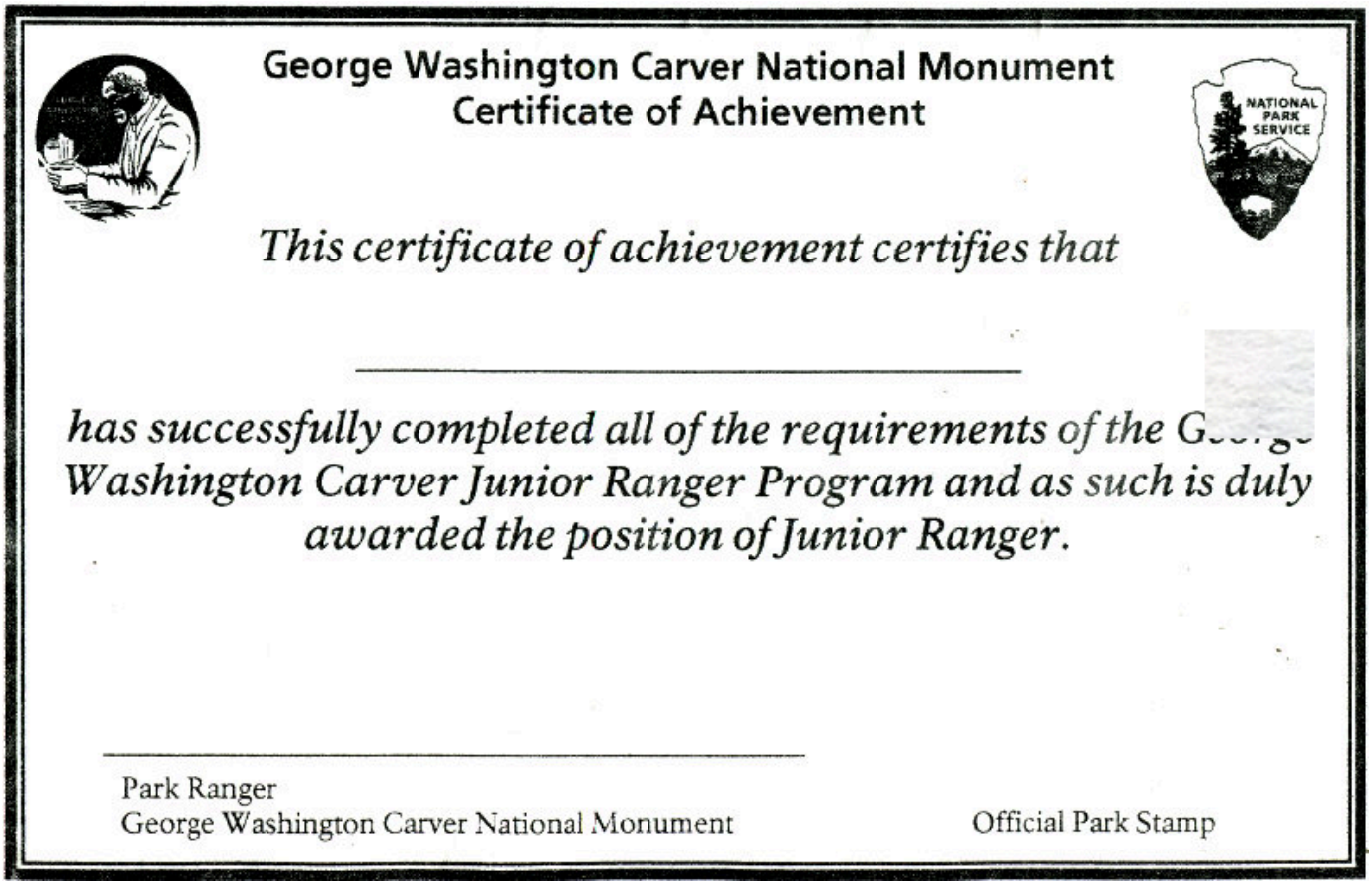
7. George was the only black student at Iowa State College.

○ TRUE ○ FALSE

8. George earned his college degree in art at Iowa State College.

○ TRUE ○ FALSE

20



George Washington Carver National Monument
Certificate of Achievement

NATIONAL PARK SERVICE

This certificate of achievement certifies that

_____

has successfully completed all of the requirements of the George Washington Carver Junior Ranger Program and as such is duly awarded the position of Junior Ranger.

_____

Park Ranger
George Washington Carver National Monument

Official Park Stamp

George Washington Carver National Monument
Certificate of Achievement

National Park Service

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_____
Park Ranger
George Washington Carver National Monument

Official Park Stamp

Junior Ranger Code

As a Junior Ranger, I will do my best to:

1. Explore other National Parks.
2. Obey all safety rules.
3. Leave plants, animals, and historic objects in the park as I found them.
4. Learn more about African American history.
5. Help keep our National Parks clean, safe, and beautiful for everyone.

This booklet belongs to: _____

Transcriber's Notes

- Silently corrected a few typos.
- Retained publication information from the printed edition: this eBook is public-domain in the country of publication.
- In the text versions only, text in italics is delimited by _underscores_.
- Changed some input instructions to better fit radiobutton or checkbox functionality.
- In the HTML version only, data entry is supported, but input is not preserved across browser refreshes; it can be recorded by printing the file or saving the viewer screen.

*** END OF THE PROJECT GUTENBERG EBOOK 61104 ***