

National Park Service
United States Department of the Interior

George Washington Carver National Monument
Diamond, Missouri



Field Trip Packet

Pioneer Day
Grades 4-6

THE PROGRAM: Pioneer Day

Suggested Grades 4- 6

George Washington Carver's "hands- on" philosophy of education:

"The thoughtful educator... understands that the most effective and lasting education is the one that makes the pupil handle, discuss and familiarize himself with the real things about him..." George Washington Carver, Bulletin #18 entitled *Nature Study and Gardening for Rural Schools*, 1910

Show- Me Standards

- SS2 G1.5: Continuity and change in the history of Missouri, the US, and the world
- SS6 G2.4: Relationships of the individual and groups to institutions and cultural traditions

U.S. History (5- 12): National Standards for History

- **Strand/Standard 10** How the industrial revolution, increasing immigration, the rapid expansion of slavery, and the westward movement changed the lives of Americans and led toward regional tensions
 - **Big Idea 4** The student understands the rapid growth of "the peculiar institution" after 1800 and the varied experiences of African Americans under slavery.
 - **Big Idea 5** The student understands the settlement of the West.
- **Strand/Standard 11** The extension, restriction, and reorganization of political democracy after 1800.
 - **Big Idea 2** The student understands how the debates over slavery influenced politics and sectionalism.
- **Strand/Standard 14** The course and character of the Civil War and its effects on the American people.
 - **Big Idea 2** The student understands the social experience of the war on the battlefield and homefront.

Program Description

The Pioneer Day field trip at George Washington Carver National Monument is designed to help students learn about life on the Carver homestead during the settlement of the Carver farm and the childhood of George Washington Carver. This place- based education program brings students to the actual location of the events they will be studying. Students will experience life in southwest Missouri during the mid to late 19th century, through a variety of interactive stations. Stations contain information on Moses and Susan Carver's settlement on this land in southwestern Missouri during the 1830s, the issue of slavery in Missouri and on the Moses Carver farm, effects of the Civil War, bushwhacker activity, daily life on the Carver farm, and the early life of George Washington Carver.

This program consists of six stations. Teachers and chaperones must stay with their groups as they rotate through each station. The program is best conducted with at least two chaperones per group. Pioneer Day station topics may include:

- Lye Soap & Laundry
- Candle- Dipping
- Dutch- Oven Cooking
- Agriculture & Corn Planting
- Toys & Games
- Storytelling: homesteading, slavery, Civil War, bushwhackers, young George
- Woodcarving
- Wool- Spinning
- Natural Dyes

Special Safety Notes

Stations may include open fire, hot wax, carving knives, agricultural equipment, and flying toys. It is imperative that the group chaperones remain attentive to students. The Park Ranger or VIP in charge of each station will conduct the program and give safety messages. Unacceptable behavior will result in removal from the program.

BEFORE YOUR VISIT

To make the Pioneer Day field trip more meaningful for your students, choose from the following activities, as appropriate for your class:

- Complete the Carver Quote and Vocabulary Sheet
- Borrow and watch the video *Boyhood of Carver*; discuss the video
- Have each student think of one thing they want to learn during the field trip.
- Encourage a variety of questions and list them on a poster board, etc.

Read a book chosen from the book list; write a report

Book List

On George Washington Carver:

A Pocketful of Goobers, A Story about George Washington Carver, Barbara Mitchell, Carolrhoda Books, Inc., 1986.

George Washington Carver, Botanist, Gene Adair, Chelsea House Publishers, 1989.

The Story of George Washington Carver, Eva Moore, Scholastic, 1971.

Other books:

Bittersweet Earth or *Bittersweet Country*, on Ozark folkways, edited by Ellen Gray Massey, University of Oklahoma Press, 1985.

Foxfire, a series of Appalachia folkways, edited by Eliot Wigginton, Doubleday, 1970s.

Historic Communities, 19th Century Clothing, and other books by Bobbie Kalman, 1993.

ON THE DAY OF YOUR VISIT

Report to the Visitor Center, receive your schedule, and organize your group(s). Park Rangers and VIPs will be waiting at each station. Travel to the first station and please help your group stay on schedule.

AFTER YOUR VISIT

To support the learning from the field trip, choose from the following activities, as appropriate for your class:

- Write and illustrate a short story (or poster, poem, rap song, etc.) about the Pioneer Day field trip to George Washington Carver National Monument
- Take out the student questions from before the trip and fill in the answers. Find out if everyone learned something new from the field trip.
- Write a letter to the Park Rangers and VIPs
- Word Search (choose one)
- Crossword Puzzle

George Washington Carver National Monument

Field Trip Information Sheet

**** Construction of the new Visitor Center is underway and may impact parking and travel time between stations. Please arrive early to compensate for this. An exciting, new educational facility is on the way for your future use!****

- **ARRIVAL**

When arriving at George Washington Carver National Monument, **please come to the Visitor Center desk to check in.** You may return your video (if applicable) at this time and pick up your group's schedule, which has been prepared in advance by a Park Ranger. You may stop your bus in front of the Visitor Center but please leave your group onboard until you have talked to a Park Ranger. Bus parking is located on the south side of the parking lot.

- **SCHEDULING**

Your group should be ready to begin at the scheduled time (see enclosed reservation form). Please allow enough time before your program for a restroom break. **A late arrival necessitates adjustment of educational programming.** If you are early, please keep your group occupied until the scheduled start time.

- **CHAPERONES**

Teachers and other chaperones should accompany the group and enforce appropriate behavior while the Park Ranger conducts the program. Chaperones should be with each group of students at all times and in all park facilities. The requested ratio of chaperones to students is 1:5 for preschool to second grade, and 1:10 for third grade and up.

- **PICNIC FACILITIES**

Lunches may be eaten in the picnic area. There are no covered or indoor picnic facilities so lunches must be eaten on the bus during inclement weather. Vending machines are available with soda pop and snacks from. Food, drinks, and chewing gum are not allowed inside park facilities.

- **SALES AREA**

The sales area located inside the Visitor Center is operated by the Carver Birthplace District Association, the park's non-profit cooperating association. All sales directly benefit the park's education programs, which are offered at no charge. Selections include 19th century toys, postcards, children's books, t-shirts, and posters ranging from 25¢ to several dollars. Your group will be allowed time to browse in the sales area if noted on the reservation sheet.



SAFETY NOTE (Peanut Allergies)

Peanuts are in use at George Washington Carver National Monument. Peanut kits, roasted peanut snacks, raw peanuts, and peanut plants may be found around the park. Please notify parents and students of this safety issue.

There is no charge for park programs. However, donations are accepted. Please your visit!

Directions to George Washington Carver National Monument

From Interstate 44:

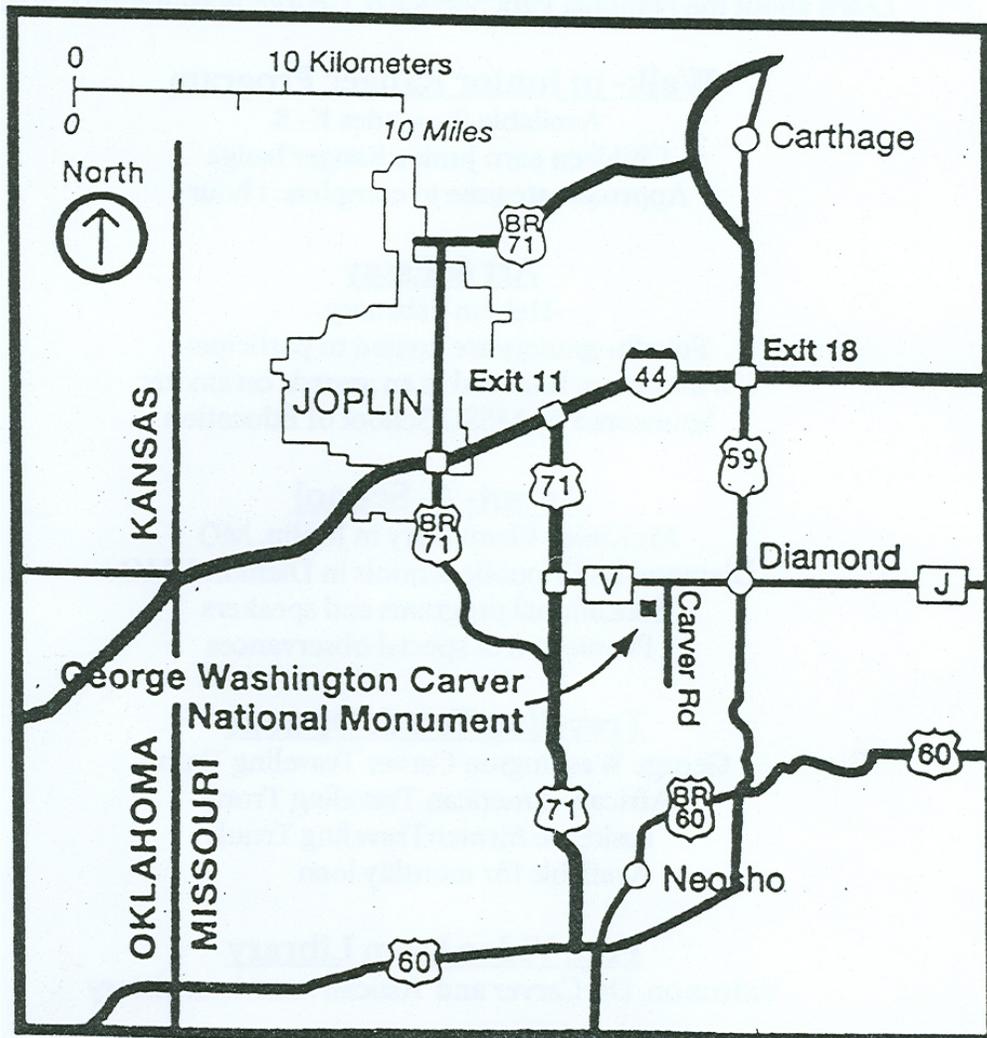
From Exit 11A on I- 44, take US 71 south to Highway V. Go east 4 miles, then south ½ mile on Carver Road.

From Exit 18A on I- 44, take Highway 59 south to Diamond. Go west 2 miles on Highway V, then south ½ mile on Carver Road.

From Neosho, MO:

Take US 71 north to Highway V. Go east 4 miles, then south ½ mile on Carver Road.

Take Highway 59 north to Diamond. Go west 2 miles on Highway V, then south ½ mile on Carver Road.



Carver Quotes and Vocabulary Words

DIRECTIONS: Read Dr. Carver's quotes and then use a dictionary to define the words.

"The opening of school found me at Simpson attempting to run a laundry for my support...The news soon spread that I did laundry work." G.W. Carver

Lye Soap is made from lye and lard

Lye _____

Lard _____

19th century candles were made from tallow or beeswax

Tallow _____

Beeswax _____

"There is a distinct relationship between the soil and the person living on it." G.W. Carver

The main crop on the Carver farm was Indian corn.

Indian corn _____

As a child, young George wanted a pocket knife. One night he dreamed about a knife and the next day he found a knife in a partially eaten watermelon in a field.

Woodcarving is different from whittling.

Woodcarving _____

Whittling _____

As an adult, one of George's most prized possessions was his mother's spinning wheel.

Before spinning, wool must be washed, dried, and prepared using a card.

Card _____

"Fresh fruits and vegetables all have a medicinal value, and when wisely prepared and eaten every day will go a long way toward keeping us healthy." G.W. Carver

A Dutch- oven was used over campfires and sometimes in fireplaces.

Dutch- oven _____

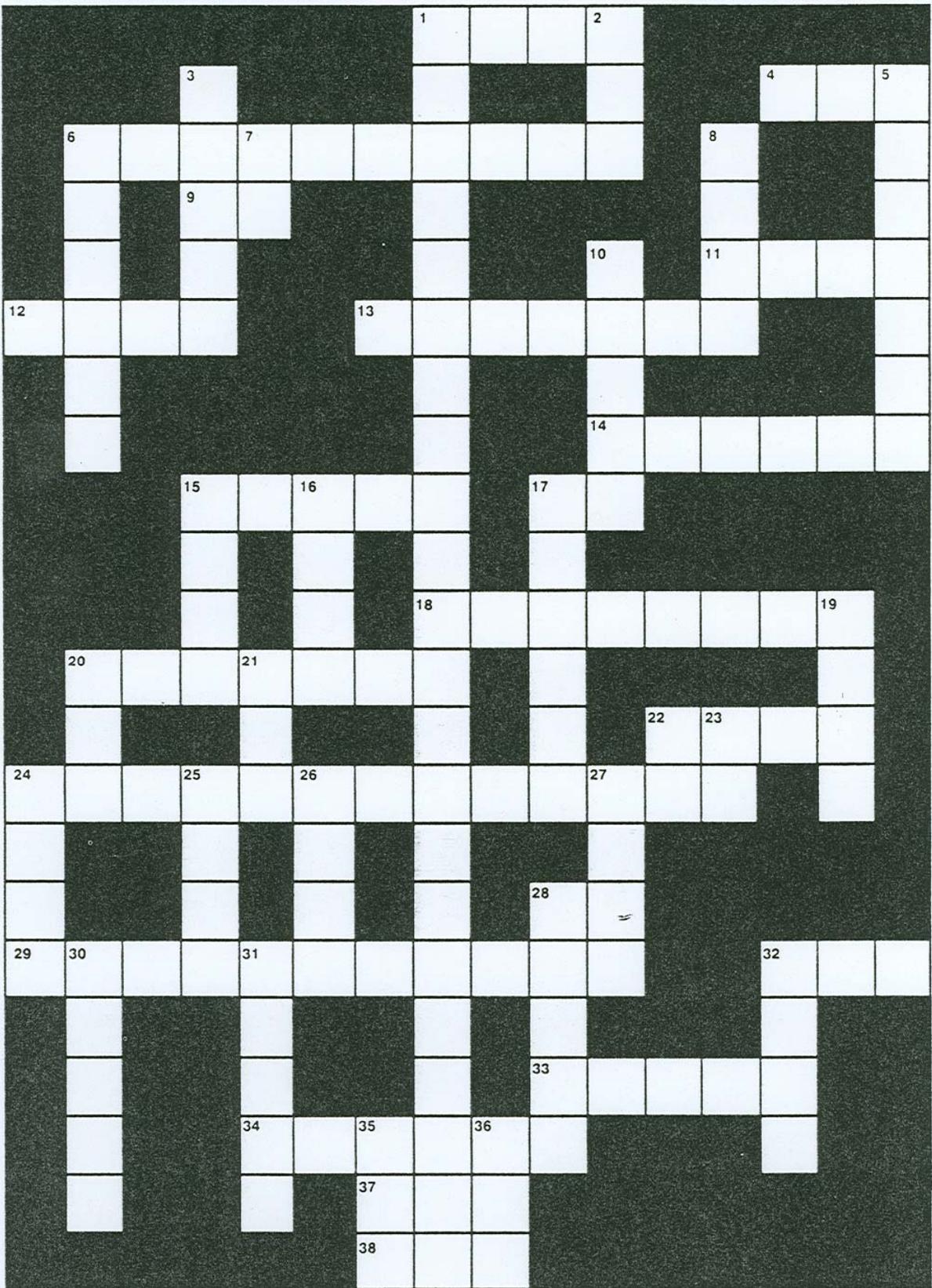
GEORGE WASHINGTON CARVER CROSSWORD PUZZLE

ACROSS:

- George Washington Carver helped plants _____.
- Missouri pioneers enjoyed eating corn on the _____.
- To help your neighbor is a _____ thing to do.
- Many people said _____ to George Washington Carver, but he did not let this stop him.
- George Washington Carver had to _____ hard to achieve success.
- If something is clean and unpolluted, it is _____.
- George Washington Carver is most famous for his work with _____.
- Before Carver decided to study plant science, he wanted to be an _____.
- George's white foster father was named _____ Carver.
- The opposite of out.
- Carver was famous for being a great _____ of uses for peanuts, soybeans and sweet potatoes.
- Name a plant Carver discovered more than 100 uses for.
- When George was about 12 years old, he had to _____ 8 miles to school in Neosho, Missouri.
- George Washington Carver also invented ways to use the _____.
- A word for yourself.
- When he was a little boy, Carver was so good with plants his neighbors called him the _____.
- Sounds like two, but means "also".
- Dr. Carver believed that _____ person can achieve success.
- In order to get an education, Carver had to _____ through Missouri, Kansas, and Iowa.
- When he was an old man, Carver liked to make _____ from various weeds, to drink for his health.
- An old-fashioned word meaning "to make a mistake".

DOWN:

- The name of a great scientist, teacher, artist and inventor.
- When he was a boy, Carver often asked this question.
- Something used to hang a door.
- _____. Washington hired Carver to work at Tuskegee.
- George Washington Carver loved to learn about _____.
- The opposite of stop.
- When Carver was born, people had passed _____ that declared slavery was legal.
- _____ Carver was George's white foster mother, and the wife of 15 across.
- _____ Carver was the name of George's mother, who was kidnapped by slave raiders.
- Carver was very frugal, he liked to _____ his money.
- Carver did this when he thought up 300 ways to use the peanut.
- George helped with chores. One of the chores may have been to _____ leaves.
- Carver _____ some scary things when bushwhackers came to the farm.
- Carver started with nothing, _____ he never quit trying.
- _____ the people . . .
- Similar to.
- Susan Carver made lye from water and wood ashes. She used the lye to make _____.
- The opposite of odd.
- A small body of water. An example is the _____ on the Carver Nature Trail at George Washington Carver National Monument.
- The opposite of under.
- A kind of mushroom found in the spring. Carver probably saw these growing in the woods.
- Carver had to _____ home in order to get an education.
- Carver believed his work was a search for _____.
- Carver was poor as a boy. He did not have many _____ to play with.
- Carver _____ food like anyone else.
- To "lend an _____" means to listen.



WORD SEARCH

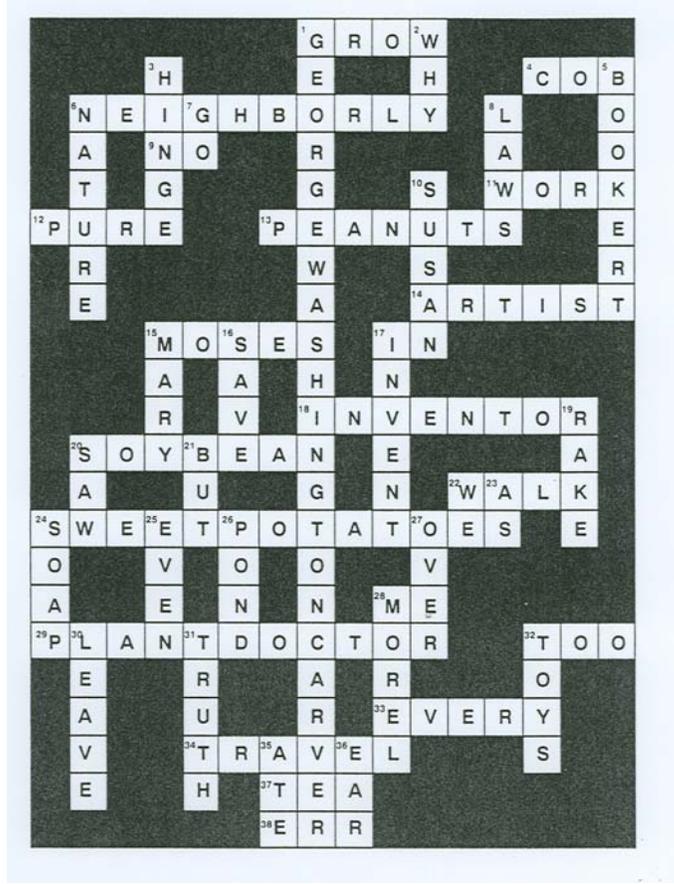
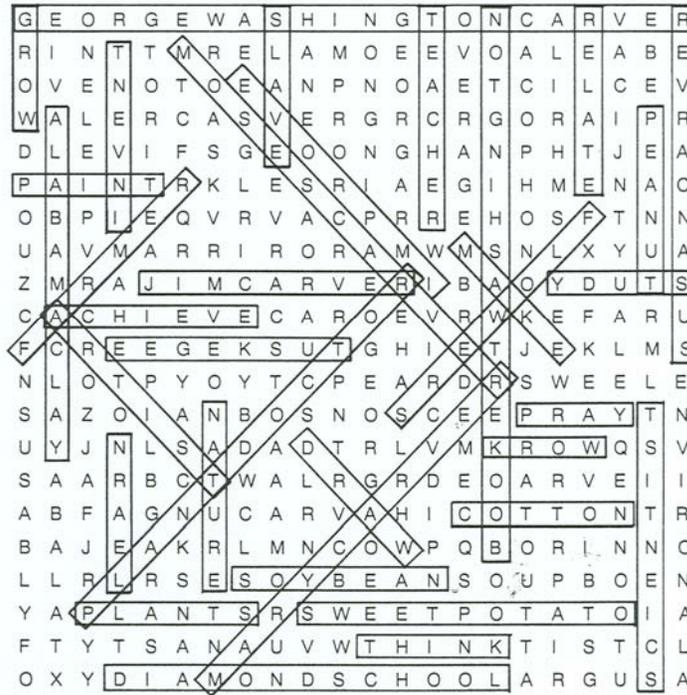
Circle these words relating to Dr. Carver and his life. See how many you can find! The words can be horizontal, vertical, or diagonal, in any direction, including backwards.

- | | | | |
|----------------|--------------------------|----------------------|----------|
| peanut | learn | soybean | nature |
| sweet potato | plant doctor | cotton | grow |
| Alabama clay | improve | plants | farmers |
| flowers | paint | work | draw |
| slave | study | scientist | relate |
| artist | achieve | teacher | make |
| Mary Carver | invent | Jim Carver | think |
| Moses Carver | pray | Susan Carver | Tuskegee |
| Diamond School | George Washington Carver | Booker T. Washington | |

G E O R G E W A S H I N G T O N C A R V E R
 R I N T T M R E L A M O E E V O A L E A B E
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Puzzle Keys

KEY TO WORD SEARCH



Top Ten Things Kids Love in the Gift Shop at George Washington Carver National Monument!

10. Post Card - 25 ¢
9. Pencil - 30 ¢
8. US Constitution and other historical documents \$1.00 - \$1.50
7. Yo-Yo - \$2.50
6. Puddle Jumper - \$2.50
5. Jacob's Ladder - \$3.75
4. A Scholastic book on George Washington Carver - \$4.50
3. A Poster of George Washington Carver - \$3.50
2. Peanut Growing Kit - 50 ¢
1. Dog Tag - \$3.00



The sales area is sponsored by the Carver Birthplace District Association. Proceeds from all purchases provide direct support for the educational programs at George Washington Carver National Monument.

Thank You!