

Name _____

Date _____

George Washington Carver & Innovation - Answer Key

Use the text to answer each question below.

1. By 1864, the American Civil War was almost over. This war was fought because states disagreed over how the government should work. Near the end of the Civil War, slavery became an important issue as well. Slavery is the practice of owning another person. Slave-owners do not pay slaves for their work. Slaves first arrived in the United States after being captured from their homes in African countries. The children of slaves became slaves, too. By the 1860s, states that made money from farming wanted to continue using slaves to work on their farms. In other states, people believed that the practice of owning another person was unfair and that the president should end it for the entire nation. George Washington Carver was born just before the end of the Civil War. He was born on a farm in Missouri, and his parents were slaves. The farm belonged to Moses and Susan Carver.

Based on this passage, which of the following happened near the end of the American Civil War?

- A. Slave-owners stopped paying slaves for their work.
- B. Slaves were brought to the United States for the first time.
- C. George Washington Carver was born into slavery.
- D. George Washington Carver became a free man.

**C.**

George Washington Carver was born into slavery.

According to the passage, "George Washington Carver was born just before the end of this war" and "his parents were slaves." The passage also states that "children of slaves became slaves, too." Based on these details, George Washington Carver was born into slavery near the end of the American Civil War.

2. When George was very young, his mother was kidnapped by raiders from the Confederate Army. After that, Moses and Susan Carver raised George and his brother James. The boys learned to read. Because George was often sick as a child, he did not work in the fields like James did. Instead, he helped Susan in the garden. This was when George first became interested in plants. Even though the Civil War had ended and slaves were freed, life was still very hard for African Americans in the United States. George wanted to attend school, but the school nearby was for white students only. He moved several times in search of a good education. He applied and was accepted to a school in Kansas. However, he was not allowed to attend after they found out he was African American.

What does this passage show about George Washington Carver's character?



- A. that Carver valued education and was very determined

According to the passage, Carver "wanted to attend school, but the school nearby was for white students only. He moved several times in search of a good education." These details show that Carver valued education and was very determined.

- B. that Carver worried about his health and was very nervous

- C. that Carver valued his family and was very thankful

- D. that Carver worked very hard and was very proud

3. For a time, George Washington Carver attended Simpson College where he studied painting. However, his love of farming and knowledge about agriculture led him to apply to another school. He was accepted at Iowa State College of Agricultural and Mechanic Arts. This school is now called Iowa State University. At Iowa State, Carver was the only African-American student on campus. He became the first African-American student to graduate from this college. Later, he taught there and was the first African-American faculty member at Iowa State as well.

Which detail from the passage best shows that Carver's passion for farming influenced his decisions?

- A. "He became the first African-American student to graduate from this college."



- B. "...his love of farming and knowledge about agriculture led him to apply to another school."

This detail states that Carver applied to another school due to his love of farming and knowledge of agriculture. It therefore best shows that his passion for farming influenced his decisions.

- C. "...Carver was the only African-American student on campus."

- D. "...George Washington Carver attended Simpson College where he studied painting"

4. In 1896, Booker T. Washington invited Carver to teach at his school, the Tuskegee Institute. Booker T. Washington was a famous black educator. The Tuskegee Institute was a private school for black students in Alabama. It was founded to give educational opportunities to African-American students. After struggling to find a good education as a black student himself, Carver now was able to teach black scholars at Tuskegee. In Alabama, Carver saw that many black farmers were very poor. He saw that cotton, which had been the main crop grown on farms for years, had harmed the soil. Carver committed his time and work to helping these struggling farms and farmers.

According to the passage, what happened to Carver in 1896?

- A. Carver retired from teaching after heading the agriculture department at the Tuskegee Institute for 47 years.



B.

Carver was invited by a famous black educator to teach at a private school for black students in Alabama.

According to the passage, "In 1896, Booker T. Washington invited Carver to teach at his school, the Tuskegee Institute." The passage explains that Booker T. Washington was a famous black educator and the Tuskegee Institute was a private school for black students in Alabama.

- C. Carver discovered that farmers in Alabama were too dependent on cotton.

- D. Carver invented ways to use peanuts and sweet potatoes to help struggling farms and farmers.

5. In Alabama, Carver saw that cotton had taken nutrients out of the soil. Nutrients are substances needed for growth. Carver knew that other plants put those same nutrients back into the soil. Sweet potatoes and peanuts are two of these plants. Carver encouraged farmers to rotate their crops, switching between cotton and sweet potatoes and peanuts. That would leave the soil healthy and improve the farmers' harvests. To teach farmers his methods, Carver used a movable school. He brought this school out into the fields and was able to teach the farmers where they worked.

Based on this passage, what is one difference between cotton and sweet potatoes?

- A. Cotton needs a lot of room to grow, but sweet potatoes do not need very much room.
- B. Cotton is harvested in the summer, but sweet potatoes are harvested in the winter.
- C. Cotton puts water into the soil, but sweet potatoes take water out of the soil.



D.

Cotton takes nutrients from the soil, but sweet potatoes put nutrients back into the soil.

According to the passage, "Cotton had taken nutrients out of the soil" and "other plants put those same nutrients back into the soil. Sweet potatoes and peanuts are two of these plants." These details show that one difference between cotton and sweet potatoes is that cotton takes nutrients from the soil, but sweet potatoes put nutrients back into the soil.

6. Carver believed that cotton ^{^^}was behind^{^^} many Southern farmers' poverty. Poverty is the state of being very poor. Carver's crop rotation helped farmers escape that poverty. The farmers found that their soil became healthier. They also found that they had a lot of peanuts and sweet potatoes on their hands! Carver came up with many ways farmers could use those crops. He invented 300 uses for peanuts and hundreds of others for sweet potatoes. He came up with a cooking oil, a type of peanut butter, soaps, paper and glue from peanuts. Some of his inventions from sweet potatoes were chocolate, 14 types of candy, coffee, paints and ink. Thanks to Carver, farmers didn't have to buy these expensive products.

What is the meaning of the phrase "was behind" in the passage above?



A.

was responsible for

According to the passage, Carver believed that cotton "was behind many Southern farmers' poverty," and his work "helped farmers escape that poverty." Clues in these sentences show that the meaning of "was behind" is "was responsible for."

B. was in the rear of

C. was in a space below or underneath

D. appeared after something else

7. We can learn many important lessons from George Washington Carver. He knew the importance of education. After struggling for his own education, he dedicated his life to teaching others in the classroom and on the farms. In a letter to Booker T. Washington, Carver described his view of education. It is, he wrote, "the key to unlock the golden door of freedom." Carver's life also shows the value of being curious and seeing wonders in the natural world. From a very young age, he was fascinated with plants and learned all that he could about them. In addition to being curious, Carver was a well-rounded learner. He was a student of art before he pursued agriculture, and he continued to paint as an adult.

Which of the following statements best expresses the central idea of this passage?

- A. As a child, Carver was fascinated with plants.
- B. Carver always loved art and painted as an adult.
- C. Carver's story offers valuable lessons about the importance of learning and curiosity.
- D. Carver compared education to a key in a letter to Booker T. Washington.



C. Carver's story offers valuable lessons about the importance of learning and curiosity.

This passage is mostly about the lessons we can learn from Carver. The opening sentence states this central idea clearly: "We can learn many important lessons from George Washington Carver."