



# Growing Crops

To explain how George Washington Carver helped farmers to grow crops.



What do plants need to grow well? Write your ideas around this cotton plant.



1. Complete the paragraph with the words from the box.

George Washington Carver invented \_\_\_\_\_ to help farmers keep the \_\_\_\_\_ in the soil they grew crops in. Rotating crops meant planting \_\_\_\_\_, \_\_\_\_\_ or \_\_\_\_\_ every other year instead of planting only \_\_\_\_\_ in the same field every year.

nutrients	peanuts	sweet potatoes
soya beans	cotton	crop rotation



## Growing Crops

2. Why didn't farmers want to start growing peanuts, sweet potatoes or soya beans?

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3. Think back to the beginning of the lesson. What did George do to encourage people to buy peanuts so that farmers would want to grow them?

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4. Which three of George's amazing inventions are your favourites?

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# Growing Crops Answers

What do plants need to grow well?

*Light*

*Water*

*Nutrients from the soil*

*Air (carbon dioxide and oxygen)*

1. Complete the paragraph with the words from the box.

George Washington Carver invented *crop rotation* to help farmers keep the *nutrients* in the soil they grew crops in. Rotating crops meant planting *peanuts, soya beans* or *sweet potatoes* every other year instead of planting only *cotton* in the same field every year.

2. Think back to the beginning of the lesson. What did George do to encourage people to buy peanuts so that farmers would want to grow them?

*George invented over 100 different uses for peanuts.*

3. Which three of George's amazing inventions are your favourites?

*Accept any three of George's amazing inventions.*



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To explain how George Washington Carver helped farmers to grow crops.



What do plants need to grow well? Write your ideas around this cotton plant.



1. Explain what crop rotation is and how it helped the cotton plants.

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nutrients	peanuts	sweet potatoes
soya beans	cotton	crop rotation
soil	every other year	plant



## Growing Crops

2. Why didn't farmers want to grow the crops suggested by George Washington Carver?

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3. What did George do to encourage farmers to grow peanuts? Think back to the beginning of the lesson.

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4. Write down three of George's amazing inventions:

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5. Which is your favourite and why?

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# Growing Crops Answers

What do plants need to grow well?

*Light*

*Water*

*Nutrients from the soil*

*Air (carbon dioxide and oxygen)*

1. Explain what crop rotation is and how it helped the cotton plants to grow well. Use the words from the word bank to help you.

*Accept an answer that uses the key words to explain crop rotation.*

2. Why didn't farmers want to grow the crops suggested by George Washington Carver?

*George invented over 100 different uses for peanuts.*

3. Write down three of George's amazing inventions:

*Accept any three of George's amazing inventions.*

4. Which is your favourite and why?

*Accept a description of one of George's inventions with an explanation as to why it's the child's favourite. For example, I like the idea of using peanuts to make plastic, as this might be biodegradable.*



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1. What is crop rotation? How did this idea solve the problems with cotton?

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2. What was the cotton farmers' problem with crop rotation?

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3. How did George Washington Carver solve this problem?

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4. Write down three of George's amazing inventions:

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5. Which one do you think was the most important and why?

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# Growing Crops Answers

What do plants need to grow well?

*Light*

*Water*

*Nutrients from the soil*

*Air (carbon dioxide and oxygen)*

1. What is crop rotation? How did this idea solve the problems with cotton?

*Children should be able to describe the process of crop rotation and how it solves problems with soil quality.*

2. What was the cotton farmers' problem with crop rotation?

*Farmers were worried that they would lose money if they didn't grow cotton, as the other crops were not so popular.*

3. How did George Washington Carver solve this problem?

*George invented over 100 different uses for peanuts, which gave farmers the incentive to grow them.*

4. Write down three of George's amazing inventions:

*Accept any three of George's amazing inventions.*

5. Which one do you think was the most important and why?

*Accept a description of one of George's inventions with an explanation as to why it's important. For example, I think George's most important invention was the idea of crop rotation, as it has enabled farmers to grow crops more successfully.*