

# Plants and Photosynthesis

## Lesson 8- George Washington Carver

Biology - Key Stage 3

Miss White



# Complete the sentence...

**George Washington Carver encouraged farmers to...**



# Independent Task

1. Describe why crop rotation is needed
2. Explain what crop rotation is

**Key words**

**Mineral levels**

**Rotate**

**Crops**

**Yield**



# Quick Check

1. What crop were 19th century farmers trying to grow?
2. What did George Carver Washington suggest the farmers did to their crops?
- <sup>4</sup> 3. What did he tell them to plant in the other fields?
4. Why was planting them such an issue?
5. What did George develop to solve this problem?



# Independent Task

You are a farmer in the late 1800's and have followed all of George's advice.

Unfortunately, your crop yield has reached a maximum and won't increase further, so there must be a limiting factor.

1. State the 3 limiting factors of photosynthesis
2. Explain why each of these factors would affect crop growth

