

# 9C Plants and photosynthesis

## literacy in science

Science Interactive LTD. PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

web: www.science-interactive.co.uk

Answer all the questions below:

 Click mouse to reveal answer

1) Unscramble the following words:

phhesntotosyis

olucesg

eoxgyn

csrhta

2) Make three sentences using the following nine words or phrases:

palisade cell

leaves

glucose in plants

chloroplast

adapted

used to make

photosynthesis

glucose and oxygen

other materials

3) Match the word or phrase with the right meaning:

Starch

The destruction of woods and forests on a large scale

Transpiration

A carbohydrate made from many glucose molecules

Deforestation

The movement of water through the plant

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## complete the sentence

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Place the right word or words to complete the sentence:

 [Click mouse to reveal answer](#)

global

water

presence

minerals

leaf

corn

own

nitrites

respiration

- a) Green plants are able to make their \_\_\_\_\_ food by photosynthesis.
- b) Plants obtain the \_\_\_\_\_ they need from roots, which have millions of tiny root hair cells.
- c) Leaves can be tested for the \_\_\_\_\_ of starch by using the iodine test.
- d) Roots are adapted to take in \_\_\_\_\_ and water from the soil.
- e) Sugar is transported from the \_\_\_\_\_ around the plant by phloem tissue.
- f) Glucose in plants is used for \_\_\_\_\_ and to make starch, fats and proteins.
- g) Over the summer crops like \_\_\_\_\_ and wheat will increase their biomass.
- h) Plants take in minerals like \_\_\_\_\_ from the soil by active transport.
- i) Destroying forests contributes to \_\_\_\_\_ warming and greenhouse gases.

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## complete the sentence

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Place the right word or words to complete the sentence:

global

water

presence

minerals

leaf

corn

own

nitrates

respiration

- a) Green plants are able to make their own food by photosynthesis.
- b) Plants obtain the water they need from roots, which have millions of tiny root hair cells.
- c) Leaves can be tested for the presence of starch by using the iodine test.
- d) Roots are adapted to take in minerals and water from the soil.
- e) Sugar is transported from the leaf around the plant by phloem tissue.
- f) Glucose in plants is used for respiration and to make starch, fats and proteins.
- g) Over the summer crops like corn and wheat will increase their biomass.
- h) Plants take in minerals like nitrates from the soil by active transport.
- i) Destroying forests contributes to global warming and greenhouse gases.