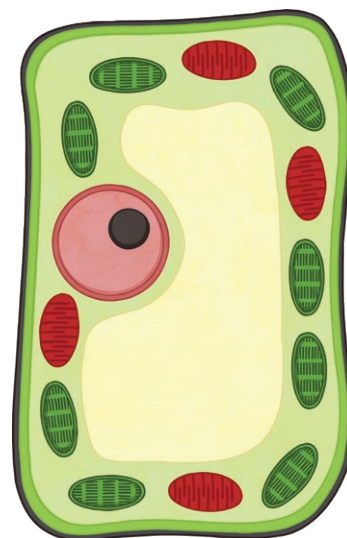


Test Yourself 3

Minerals in Photosynthesis

Mineral	Why is it needed?
nitrate	healthy growth
	healthy roots
potassium	
magnesium	

What Type of Cell Am I?



Testing a Leaf for Starch

Number the sentences in the correct order to show how to test a leaf for starch.

Remove the leaf from the water and place in a boiling tube containing ethanol.	
Wash the leaf, place on a white tile and add a drop of iodine.	
Boil a beaker of water and leave the leaf in the boiling water for about 2 minutes.	
Place the boiling tube in a beaker of hot water and leave until the ethanol has turned green meaning that the chlorophyll has been removed.	
If starch is present the iodine turns black.	



Test Yourself 3 Answers

Minerals in Photosynthesis

Mineral	Why is it needed?
nitrates	healthy growth
phosphates	healthy roots
potassium	healthy leaves and flowers
magnesium	production of chlorophyll

What Type of Cell Am I?

palisade cell

Testing a Leaf for Starch

Number the sentences in the correct order to show how to test a leaf for starch.

Remove the leaf from the water and place in a boiling tube containing ethanol.	2
Wash the leaf, place on a white tile and add a drop of iodine.	4
Boil a beaker of water and leave the leaf in the boiling water for about 2 minutes.	1
Place the boiling tube in a beaker of hot water and leave until the ethanol has turned green meaning that the chlorophyll has been removed.	3
If starch is present the iodine turns black.	5

