

Name:

Class:

No.

N I T R O G E N O A O H V X Q F
H B C E D A S I L A P V A H A X
F M S Y L R E S I L I T R E F H
N H P W R I A H D G M R L A H P
A S U R O H P S O H P Z I K G O
O S I S E H T N Y S O T O H P T
D K L L Y H P O R O L H C J T A
I T N A L P R V O Z R I F Q S S
C A R B O N D I O X I D E R N S
P J O E X K L F G L U C O S E I
S Q O T I J M E O L H P C O H U
L H T C H L O R O P L A S T S M
N L I D K V S T N E I R T U N Z
X W F N E G Y X O M E L Y X C F

Photosynthesis
Carbon Dioxide
Chloroplasts
Chlorophyll
Phosphorus
Fertilizer
Nutrients
Potassium
Palisade

Nitrogen
Glucose
Oxygen
Phloem
Plant
Xylem
Hair
Root
Leaf

Carbon Dioxide	A gas found in air used in photosynthesis and breathed out by animals.	Oxygen	The gas essential to animal life and produced by plants in photosynthesis.
Chlorophyll	The green pigment in plants responsible for absorbing sunlight.	Palisade	Large cells found in leaves, containing chloroplasts.
Chloroplasts	Small organelles in the cells of plants containing chlorophyll.	Phloem	The tube in a plant which carries sugar and nutrients.
Fertiliser	A mixture that is added to soil to help the growth of plants.	Photosynthesis	The process by which plants convert carbon dioxide and water into sugar and oxygen.
Glucose	A simple sugar and important carbohydrate produced by photosynthesis.	Phosphorus	An element which is essential to photosynthesis.
Hair	Roots have hairs which collect water and nutrients.	Plant	A living organism that uses photosynthesis to make energy.
Leaf	The organ of a plant specialising in photosynthesis.	Potassium	A metal element which is essential in fertilisers.
Nitrogen	The most abundant gas in air, essential in fertilisers	Root	The organ of a plant that takes in water and nutrients, from the soil or air.
Nutrients	Chemical substances essential to the growth and health of organisms.	Xylem	The tube in a plant which carries water and minerals.