

NAME: _____

DATE: _____

PERIOD: _____

How do plants make food and give off oxygen?

Worksheet

1. Circle the best answer.
 - a. Chlorophyll uses light energy to change carbon dioxide and water into
 - i. Nitrogen
 - ii. Food
 - iii. Chloroplasts
 - iv. Glucose

2. Fill in the blanks using the words provided in the WORDBANK

WORDBANK			
Energy	Chlorophyll	Photosynthesis	Chloroplasts
Oxygen	Glucose	Sunlight	Carbon dioxide

The green substance in a plant cell is _____. A food that a plant makes is _____.

_____ The plant makes food by the process of _____.

To make food a plant needs carbon dioxide, water, and _____. Chlorophyll in a green organism can be found in _____. Animals eat green plants and other green organisms to get _____.

Short Answer. Answer using full sentences.

3. Why are leaves green?

4. What is photosynthesis and where does it occur?

5. What do plants need to make food?

6. What is the chemical equation for photosynthesis?

7. Why can you not see or hold a gas?

8. Why do living things need oxygen?

9. What do guard cells do?

10. What is the chemical equation for cellular respiration?