

Unit 1 Lesson 2

Guided Notes

Name _____ **#** _____ **Class** _____

1: Producers Make Food

1) Plants are _____.

2) Define Producers:

3) When producers make their own food from sunlight they use it to:

a. _____

b. _____

c. _____

4) Define Matter:

5) Matter cannot be _____.

6) Where do producers get the matter they need?

a. _____

b. _____

7) Name 2 kinds of matter?

a. _____

b. _____

2: Photosynthesis Uses Both Matter and Energy

8) What are the 2 raw materials needed to make food?

a. _____

b. _____

9) Define Carbon Dioxide:

10) Define Photosynthesis:

11) Photosynthesis takes place in most plants

_____.

12) _____ contains the water a plant needs to make food.

13) Energy enters most ecosystems as _____.

14) Define chlorophyll:

15) Leaves combine carbon dioxide and water in a process that makes _____.

16) _____ is food for a plant.

17) Define oxygen:

3: Producers Store Excess Food

18) Most of the food plants produce is used immediately to provide energy for the plant's _____.

19) Food plants make in their leaves is transported by _____ to all parts of the plant.

20) Plants turn sugar in to _____ for storage.

21) When animals eat _____ and _____ they get energy from stored food.

4: Photosynthesis Produces Waste

22) _____ + _____ + _____ produces _____ & _____.

23) Oxygen gas moves from _____ parts of the system to the _____ parts and back again.

5: Where The Matter For Photosynthesis comes from

24) What do plants mostly use for the matter they need to grow?

a. _____

b. _____