

Name: _____

Date: _____

Plants Test

1. Circle **True** or **False**:

- | | | |
|---|------------------------------------|------------------------------------|
| a) All plants grow from seeds. | T | <input checked="" type="radio"/> F |
| b) The purpose of fruit is to be eaten. | T | <input checked="" type="radio"/> F |
| c) We eat many different parts of plants. | <input checked="" type="radio"/> T | F |
| d) Seeds need soil to grow into seedlings. | T | <input checked="" type="radio"/> F |
| e) Some plants take many years before they produce seeds. | <input checked="" type="radio"/> T | F |
| f) Leaves can be sorted as "simple" and "compound". | <input checked="" type="radio"/> T | F |
| g) Plants are defenceless (they cannot protect themselves). | T | <input checked="" type="radio"/> F |
| h) Bees are the only animals that pollinate. | T | <input checked="" type="radio"/> F |
| i) Photosynthesis has to do with pictures. | T | <input checked="" type="radio"/> F |

2. Put these words in order: egg, stamen, flower, seed, pistil, pollen.

- | | |
|---|---------------|
| 1 | <u>Stamen</u> |
| 2 | <u>Pollen</u> |
| 3 | <u>Pistil</u> |
| 4 | <u>Egg</u> |
| 5 | <u>Seed</u> |
| 6 | <u>Flower</u> |

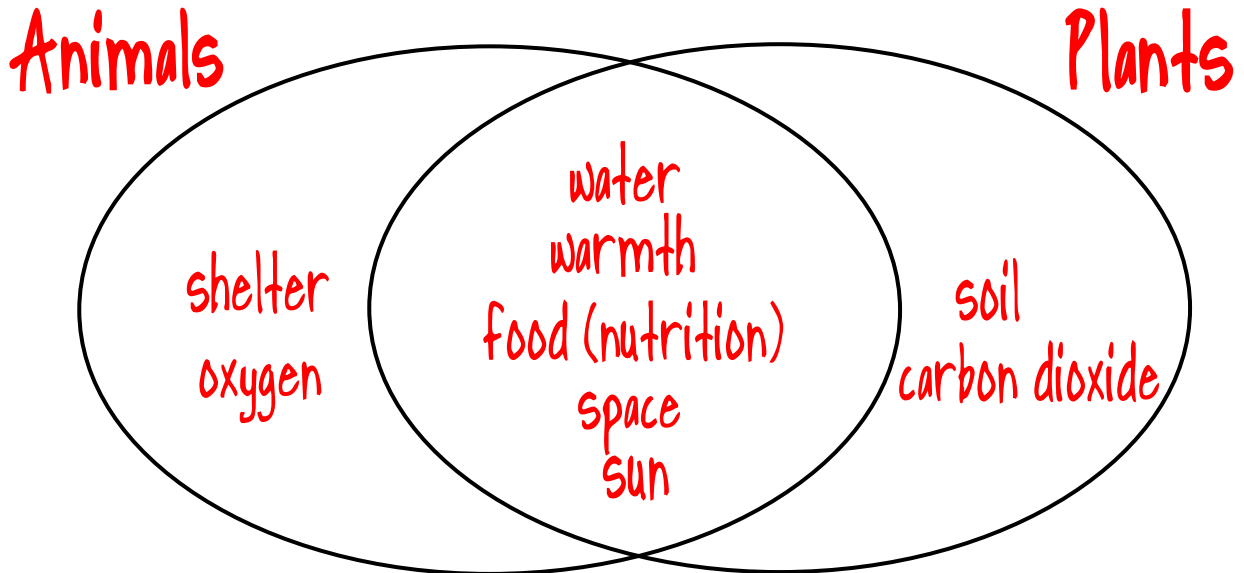
3. Name the two special parts of a flower and explain what their job is.

Stamen - produces pollen to be transferred to other plants

Pistil - collects the pollen so that the eggs can grow into seeds

This is called pollination, and it is necessary for life to exist.

4. Complete the Venn diagram by making a list of the things plants need, the things animals need and the things that they both need. Be sure to label your diagram.



5. Describe, as best you can, photosynthesis.

The plants take water from the soil and carbon dioxide from the air, the sun
then provides the energy to take them apart and then reassemble them as
glucose (plant food), and the left-overs, which are oxygen, are discarded.
This is necessary for all living things to get energy.

6. Name 5 ways people rely on or use plants?

- 1 Food
- 2 Oxygen
- 3 Clothes
- 4 Shelter
- 5 ...etc

7. Choose one or two of the things you listed in question #6 and describe how or why humans rely on the plant for that reason.

Food - Animals can not make food, only plants can, so we need them for our ener

Oxygen - Plants produce oxygen through photosynthesis

etc

8. Where are some different places we grow food (we learned about five in class)?

Farms, orchards, gardens, green houses or the wild.

9. Name one advantage and one disadvantage of organic food.

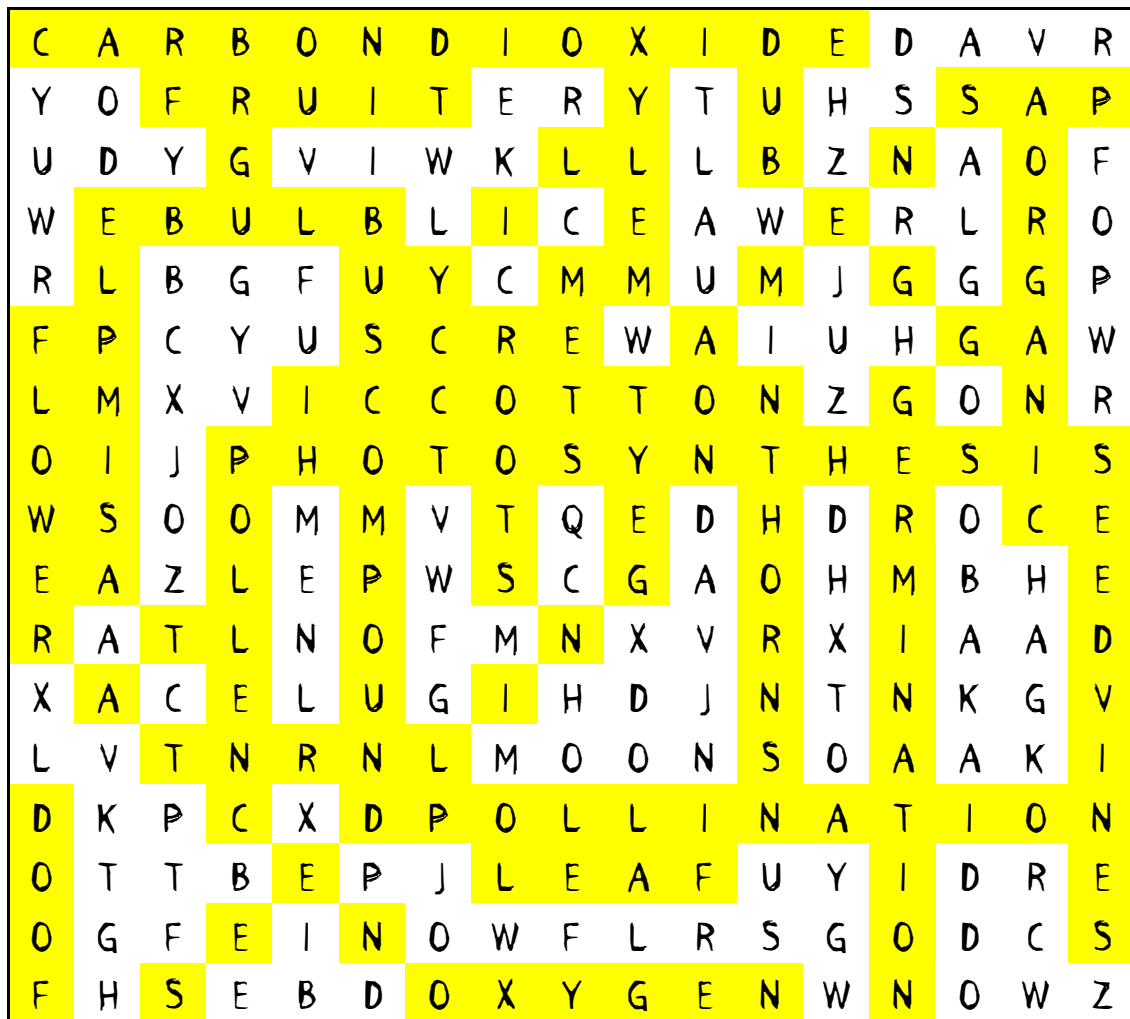
Advantages - Healthier, no chemicals, better for the environment, etc.

Disadvantages - Do not stay fresh as long, more expensive, not as much selection, etc

10. Describe an environmental condition that could threaten plant survival. Be sure to detail your answer.

Many possible answers.

Plants



- | | | |
|----------------|----------------|----------|
| Bud | Glucose | Sap |
| Bulb | Leaf | Seed |
| Carbon dioxide | Nectar | Seedling |
| Compound | Organic | Simple |
| Cotton | Oxygen | Stamen |
| Egg | Photosynthesis | Stem |
| Flower | Pistil | Thorns |
| Food | Pollen | Vines |
| Fruit | Pollination | Water |
| Germination | Roots | Xylem |