Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parts of a Plant Web Quest



Directions: Complete the following Web Quest by going to the following website:

<http://www.mbgnet.net/bioplants/main.html>

Part 1: Using the tabs on the left side of the page, explore the section titled: **STARTING TO GROW**

|  |  |  |
| --- | --- | --- |
| 1. What does GERMINATE mean?  | 2. What are 3 necessary things for germination to begin? 1.2. 3.  | 3. When does the germination stage end?  |

Part 2: Return to the main page, click on the tab on the left side of the page titled: **PLANT PARTS**

After reading about the function of the four main parts, make a diagram: draw and label the 4 main parts of a plaint.

What is the purpose of each of the following parts of the plant:

A. Roots – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B. Stems – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

C. Leaves – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

D. Flowers – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E. Seeds- ­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Part 3: Return to the main page, click on the tab on the left side of the page titled: **Making Food**

 What process do plants undergo in order to make their own food? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

List the five things plants need in order to make their own food:

1.

2.

3.

4.

5.

Part 4: Return to the main page, click on the tab on the left side of the page titled: **Seed Dispersal**

List the 4 methods of seed dispersal:

1.

2.

3.

4.

The text describes three ways that animals help with seed dispersal. Draw a picture to show ONE WAY that animals help with seed dispersal.

Part 5: Return to the main page, click on the tab on the left side of the page titled: **PLANTS AND LIFE ON EARTH.**

This section describes the many reasons plants are necessary and how they help Earth. In YOUR OPINION, rank the 6 reasons plants help the Earth. Number 1 should be the most important reason in your opinion.

1. 4.

2. 5.

3. 6.