

Biology of Plants Web-Quest

Go to the following website - <http://www.mbgnet.net/bioplants/main.html>

Directions: Use the links on the webpage to answer the following questions.

Starting to Grow

1. What does germinate mean?
2. What 3 things are necessary for germination to begin?
3. When does the germination stage end?

Plant Parts

4. Draw a plant and label the 4 main parts.
5. What is the purpose of each of the following parts of the plant:
 - A. Roots –
 - B. Stems –
 - C. Leaves –
 - D. Flowers –
 - E. Fruit –
 - F. Seeds –
6. What is a petiole?

Making Food

7. What process do plants undergo in order to make their own food?

Pollination

8. Draw a diagram of a flower and label the 5 main reproductive parts.

9. What is pollination?

10. How are most plants pollinated?

Seed Dispersal

11. List 4 methods of seed dispersal.

12. What are 3 ways in which animals help with seed dispersal?

Plant Adaptations

13. List one plant adaptation for each of the following biomes:
 - A. Tropical Rain Forest –

 - B. Water –

 - C. Desert –

 - D. Grassland –

Plants and Life on Earth

14. List 6 ways plants help the environment and us.