On the southeast corner of Jordan Hall is located the public greenhouse. In the greenhouse are plants from all over the world. These plants have evolved in a wide variety of habitats. As you tour the greenhouse, pay special attention to the special modifications you see in each of the plants. Try to think about how the various adaptations have helped the survival of each plant species.

Greenhouse area #1 (Entry Area)
1. Take a moment to examine the plants in this area. How are these plants similar?

Greenhouse area #2 (Prairie Plants)
2. Examine the plants in this area. What characteristics do these plants have in common?
3. How do they differ from the plants in Area #1?

Greenhouse area #3 (Cash Crops)
4. Examine the various “cash crops.” List at least two products that we get from these plants.
   a.
   b.

Greenhouse area #4 (Desert Plants)
5. Examine the desert plants. List at least three adaptations that you see among these plants that would help them survive in the desert.
   a.
   b.
   c.

Greenhouse area #5 (Tropical Plants)
6. Take a moment in the tropical plant room. List at least three adaptations that you see among these plants that would help them survive in the tropics.
   a.
   b.
   c.
7. How are the tropical plants different from the desert plants?

Greenhouse area #6 (Water Plants)
8. Observe two water plants. Describe the differences between the two water plants.
9. How are they different from all other plants that you have observed?

Greenhouse area #7 (Unusual Plants)
10. List the names of two different plants in this area and the feature that makes them “unusual”.

Greenhouse area #8 (Common House Plants)
11. Name and describe two plants that you think are interesting in this area.
   a.
   b.

Review the characteristics of each area of the greenhouse you visited today.
12. What can you infer about adaptations and the relationship to a plant’s environment? Choose at least two areas and two adaptations in each area to explain your answer.