



Name _____

Flowers and Seeds

Directions: Read pages 40-41 in the DOL Resources book. *Preview first, looking at pictures, headings, bold words.* Answer the questions below using complete sentences. Neatness counts. Use dark blue or black ink or pencil. Use of other colors or sloppiness will require rewriting of the assignment. Papers without names will be recycled.

1. Why do plants produce flowers?

2. In the table below, list the names of the parts of a typical flower and the functions of each part. The first letters of the flower parts are provided following the order **in the book on pages 40 and 41.**

Flower Part	Function
1. p	
2. s	
3. st	
4. f	
5. a	
6. p	
7. s	
8. pi	
9. sti	
10. o	
11. ovu	
12. e	

3. What is required for sexual reproduction to take place in flowers? What happens during fertilization in flowers?

4. Why does pollen usually have to travel some distance before pollination occurs?

5. What are the two main agents of pollination?

6. If a plant has tiny flowers, how are its pollen grains probably spread?

7. If a plant has large, colorful flowers, how are its pollen grains probably spread?

8. How do flowers “advertise” and how do they “bribe” insects?
 - a. “advertise” –

 - b. “bribe” -

9. In the space below, draw a typical flower and label 12 of the parts listed in the table above in #2.