

Name \_\_\_\_\_

## **Flowers and Seeds**

*Directions:* Read pages 40-41 in the DOL Resources book and write complete sentence answers on this sheet.

1. Why do plants produce flowers?
2. What is required for sexual reproduction to take place in flowers?
3. 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.

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

4. What happens during fertilization?
5. Why does pollen have to travel some distance before pollination occurs?

6. What are the two main agents of pollination?
  
7. If a plant has tiny flowers, how are its pollen grains probably spread?
  
8. If a plant has large, colorful flowers, how are its pollen grains probably spread?
  
9. How do flowers “advertise” and how do they “bribe” insects?
  
10. In the space below, draw a typical flower and label the 12 parts listed in the table above.