

1. Define Heredity. \_\_\_\_\_
2. Define Genetics. \_\_\_\_\_
3. Genetic material is known as \_\_\_\_\_ which stands for \_\_\_\_\_
4. Why is DNA often called a blueprint? \_\_\_\_\_
5. In the process of heredity, what word is used for characteristic? \_\_\_\_\_
6. What is the difference between an inherited trait and an acquired trait? \_\_\_\_\_  
\_\_\_\_\_
7. Describe how traits are inherited through sexual reproduction. \_\_\_\_\_  
\_\_\_\_\_
8. What did Gregor Mendel discover? \_\_\_\_\_
9. Label the diagram and describe each component below.

