

## *A Love Design – Definition Worksheet*

Name \_\_\_\_\_ Teacher \_\_\_\_\_ Period \_\_\_\_\_

Complete the following by placing the word on the space provided that results in correct definitions.

1. \_\_\_\_\_ -the largest and longest artery (a blood vessel carrying blood away from the heart) in the body. It carries oxygen-rich blood from the left ventricle of the heart to the body.
2. \_\_\_\_\_ -a large vein (a blood vessel carrying blood to the heart) that carries oxygen-poor blood from the lungs to the right atrium from the lower half of the body.
3. \_\_\_\_\_ -the left, upper chamber of the heart. It receives oxygen-rich blood from the lungs via the pulmonary vein.
4. \_\_\_\_\_ -the left, lower chamber of the heart. It pumps blood through the aortic valve into the aorta.
5. \_\_\_\_\_ -the valve between the left atrium and the left ventricle. It prevents back-flow of blood from the ventricle to the atrium.
6. \_\_\_\_\_ -the blood vessel that carries oxygen-poor blood from the right ventricle of the heart to the lungs.
7. \_\_\_\_\_ -the flaps between the right ventricle and the pulmonary artery. When the ventricle contracts, the valve opens, causing blood to rush into the pulmonary artery. When the ventricle relaxes, the valve closes, preventing the back-flow of blood from the pulmonary artery to the right atrium.
8. \_\_\_\_\_ -the blood vessel that carries oxygen-rich blood from the lungs to the left atrium of the heart.
9. \_\_\_\_\_ -the right, upper chamber of the heart. It receives oxygen-poor blood from the body through the inferior vena cava and the superior vena cava.
10. \_\_\_\_\_ -the right, lower chamber of the heart. It pumps blood into the pulmonary artery.
11. \_\_\_\_\_ -the muscular wall that separates the left and right sides of the heart.
12. \_\_\_\_\_ -a large vein that carries oxygen-poor blood to the right atrium from the upper parts of the body.
13. \_\_\_\_\_ -the flaps between the right atrium and the right ventricle. It is composed of three leaf-like parts and prevents the back-flow of blood from the ventricle to the atrium.

### ***Rubric for “A Love Design” Diagrams***

|                          | <i>Commendable</i>   | <i>Acceptable</i>   | <i>Acceptable with Changes</i>                                    |
|--------------------------|--|---|---|
| <i>Labeling of Terms</i> | <i>The student has all parts of the heart labeled correctly.</i> | <i>The student has most parts of the heart labeled correctly.</i> | <i>The student has some parts of the heart labeled correctly.</i> |

### ***Rubric for “A Love Design” Models***

|                                  | <i>Commendable</i>   | <i>Acceptable</i>  | <i>Acceptable with Changes</i>  |
|----------------------------------|--|--|---|
| <i>Heart Construction</i>        | <i>The student employs many of the supplied items to create the heart model. The model shows ample time and effort in its construction.</i>            | <i>The student employs some of the supplied items to create the heart model. The model shows time and effort in its construction.</i>                | <i>The student employs few of the supplied items to create the heart model. The model shows little time and effort in its construction.</i>           |
| <i>Labeling of Heart Anatomy</i> | <i>The student is able to identify a minimum of twelve parts of the heart anatomy.</i>   | <i>The student is able to identify a minimum of nine parts of the heart anatomy.</i>   | <i>The student is able to identify a minimum of seven parts of the heart anatomy.</i>   |
| <i>Definitions of Terms</i>      | <i>The student demonstrates knowledge of a minimum of twelve parts of the heart, how each part is specifically designed and each part’s functions.</i> | <i>The student demonstrates knowledge of a minimum of nine parts of the heart, how each part is specifically designed and each part’s functions.</i> | <i>The student demonstrates knowledge of a minimum of seven parts of the heart, how each part is specifically designed and each part’s functions.</i> |