

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### ACTIVITY: How Blood Travels through the Body

#### DIRECTIONS:

Fill in the blanks below with these words. Each word may only be used once.

- |                    |                    |               |          |
|--------------------|--------------------|---------------|----------|
| Aorta              | Inferior vena cava | Veins         | Arteries |
| Capillary          | Oxygen             | Ventricle     | Atrium   |
| Circulatory system | Superior vena cava | Blood vessels |          |
| Food               | Vein               | Capillaries   |          |

A system of \_\_\_\_\_ carries blood through the body. These vessels include \_\_\_\_\_, and \_\_\_\_\_.

\_\_\_\_\_ These vessels and the heart make up the \_\_\_\_\_.

Let's follow that droplet of blood through the blood vessels. When it leaves the left \_\_\_\_\_ of the heart, it goes into the \_\_\_\_\_.

This vessel is the largest artery in the body. Soon after leaving the heart, this vessel branches, so the droplet could move into the smaller \_\_\_\_\_.

arteries leading to the head or arms. Let's assume this droplet travels down toward the legs. The largest artery divides to carry blood to each leg. This droplet of blood goes \_\_\_\_\_.

into one of the branches. From here, the blood travels in smaller and smaller arteries until it reaches the very end of the big toe. The blood vessel here is so small it cannot be seen by the naked eye. This tiny vessel is a \_\_\_\_\_.

At this point, the droplet nourishes the cells next to this tiny vessel and takes away the waste products. Now that the blood has given up its \_\_\_\_\_ and \_\_\_\_\_ it must return to the heart. It moves into a larger blood vessel.

This blood vessel is called a \_\_\_\_\_.

This droplet joins other blood going back to the heart. The blood vessels become larger and larger and finally they all join one large blood vessel that receives all blood from the lower part of the body.

This blood vessel is called the inferior vena cava.

Another large blood vessel called the superior vena cava collects blood from the head and arms. Both then separately enter the right \_\_\_\_\_ of the heart.

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