

# Your Heart & Circulatory System

## A. Working That Muscle

1. Your heart is really a .

2. It's located to the \_\_\_\_\_ of the muscle of your chest and is about the same size as a

3. The main job of the heart muscle is to send \_\_\_\_\_ to every part of your body. Inside the body, blood provides your body with \_\_\_\_\_ and \_\_\_\_\_ that it needs. Blood also carries away \_\_\_\_\_.

4. The heart is like a .

5. The right side of the heart \_\_\_\_\_  
\_\_\_\_\_.

6. The left side of the heart \_\_\_\_\_  
\_\_\_\_\_.

## B. We Got the Beat

1. Before each beat the heart fills with

2. Then the heart muscles contract or squeeze, so it can \_\_\_\_\_ out the blood.

## C. Heart Parts

1. The heart is made up of \_\_\_\_\_ different areas called .

2. The two chambers on top are called \_\_\_\_\_. (Singular, for when talking about only one is called, \_\_\_\_\_.)

3. The atria are the chambers that fill with the blood returning to the heart from the \_\_\_\_\_ & \_\_\_\_\_.

4. The two chambers on the bottom are called \_\_\_\_\_. (Singular, for when talking about only one is called, \_\_\_\_\_.)
5. Their job is to squirt out the blood to the \_\_\_\_\_ and \_\_\_\_\_.

#### **D. It's Great to Circulate**

1. Arteries and veins are called \_\_\_\_\_.
2. Blood vessels that carry blood away from the heart are called \_\_\_\_\_.
3. Blood vessels that carry blood back to the heart are called \_\_\_\_\_.
4. The complete movement of blood through the heart and entire body is called \_\_\_\_\_.

#### **E. Kidneys are Filters**

1. About \_\_\_\_\_% of the blood circulated throughout the body goes to the \_\_\_\_\_.

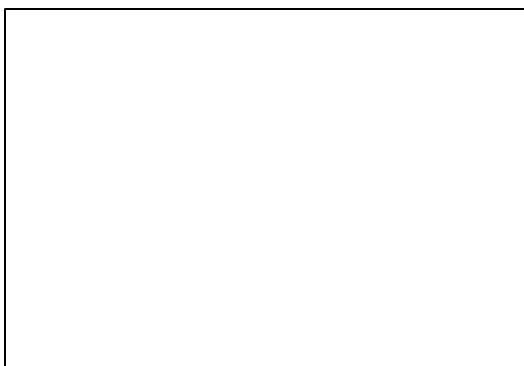
2. The kidneys filter out some of the  before the blood travels back to the .

F. **What's Blood**

1. On average, people have about  of blood in their body.

G. **How Does the Body Make Blood**

The following ingredients make up blood. (Red Blood Cells, White Blood Cells, Platelets, Plasma) In the box, DRAW A PICTURE OF WHAT EACH INGREDIENT DOES, & on the lines, next to the box, explain using words the main job of the ingredient.



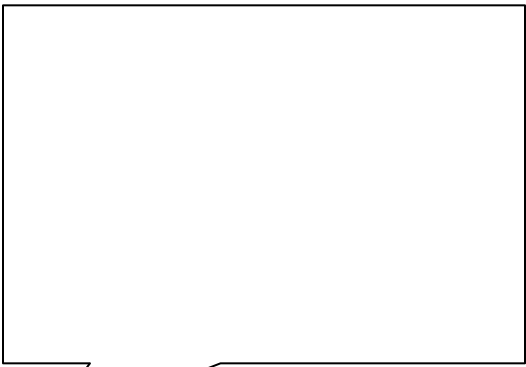
Red Blood Cells

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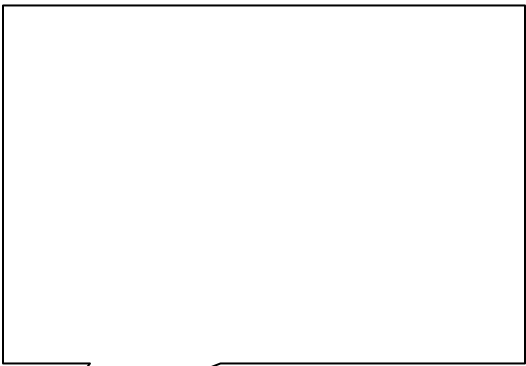
**White Blood Cells**

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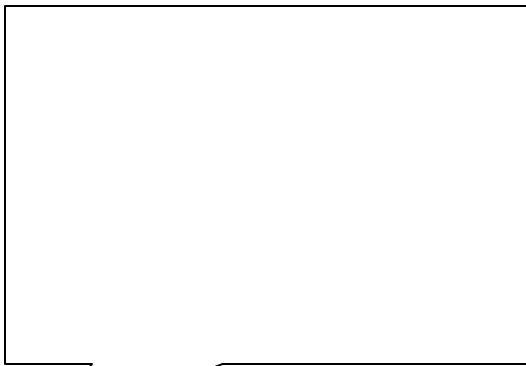
**Platelets**

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**Plasma**

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