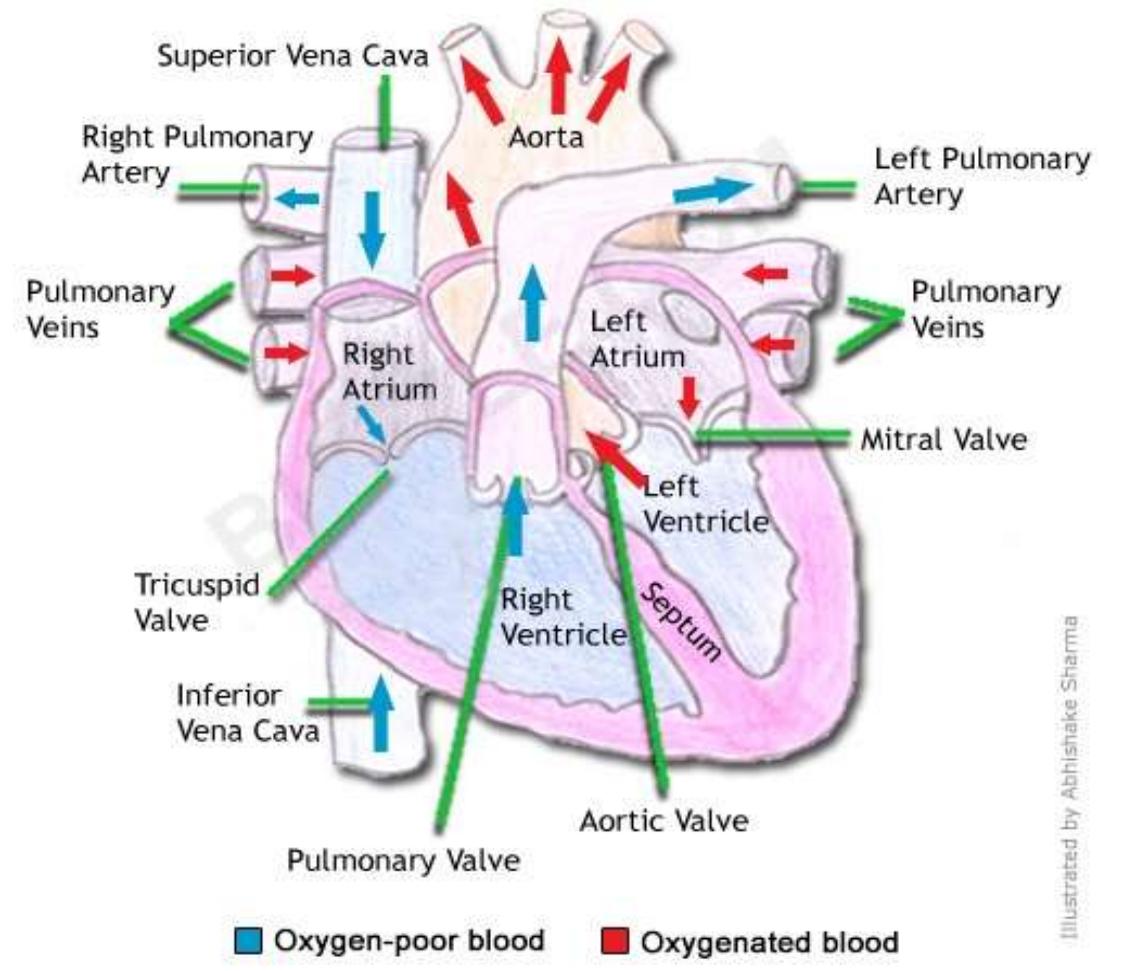


# Circulation Webquest

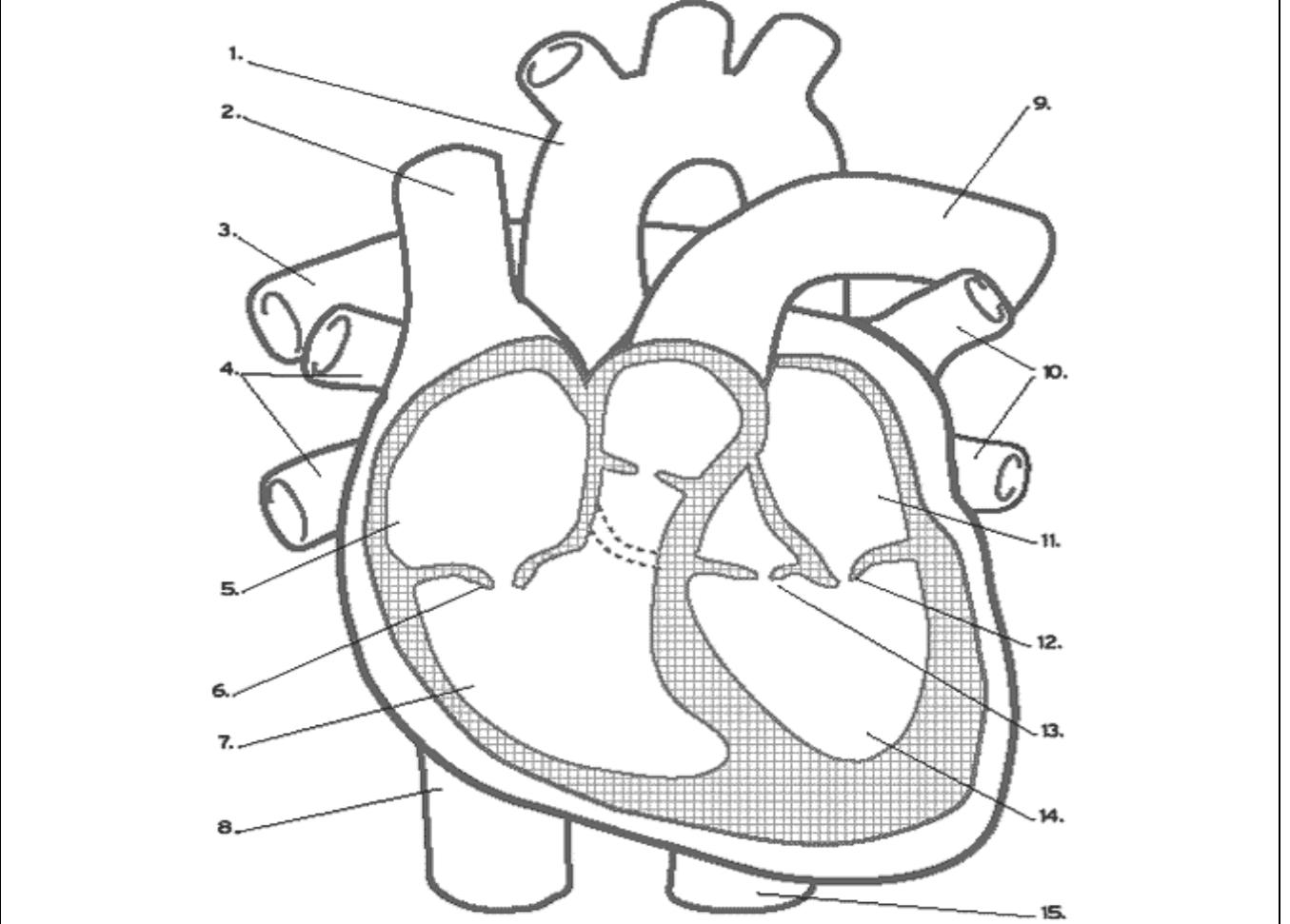
Open the Webquest document and visit the following sites to answer the questions in your science notebook. Title each section with the PART #. Answers should be written in full sentences. Completed assignment is due at the end of the class on 12/19.

## Part 1

Labeled Diagram



Unlabeled Diagram



## Part 2.

<http://kidshealth.org/kid/htbw/heart.html>

1. Your heart is made of what type of tissue? \_\_\_\_\_
2. What is the main purpose of the heart? \_\_\_\_\_
3. How many chambers are in your heart? What are the names of the different chambers?
4. If you are talking about only one of the top chambers, what it is called? \_\_\_\_\_
5. What do the top two chambers do? \_\_\_\_\_
6. What do the bottom two chambers do? \_\_\_\_\_
7. Identify the part of the heart that divides it into two: \_\_\_\_\_
8. What is the function of VALVES in your heart? \_\_\_\_\_
9. What are the names of the four valves in the heart?
10. What are the two types of BLOOD VESSELS in your body? What is the function of each?
11. How long does it take your heart to send blood to every cell in your body? \_\_\_\_\_
12. Why is it so important to keep blood flowing through your body?
13. The returning blood enters the \_\_\_\_\_ side of the heart. The right ventricle pumps the blood to the \_\_\_\_\_ for a little freshening up. In the lungs, \_\_\_\_\_ is removed from the blood and sent out of the body when we exhale. What's next? An inhale, of course, and a fresh breath of oxygen that can enter the blood to start the process again. And remember, it all happens in about a minute!
14. What makes the "LUB-DUB" sound of your heartbeat?
15. Where can you find/feel your PULSE?
16. Each beat is caused by the \_\_\_\_\_ of your heart.
17. Take your PULSE, what is it? \_\_\_\_\_
18. What are FIVE things you can do to keep your heart HEALTHY?
  - a.
  - b.
  - c.
  - d.
  - e.

## Part 3

[http://www.medindia.net/know\\_ur\\_body/cirsystem.asp](http://www.medindia.net/know_ur_body/cirsystem.asp)

DID YOU KNOW?

1. Every second, \_\_\_\_\_ are destroyed in the human body.
2. Human blood is \_\_\_\_\_. It is the \_\_\_\_\_; a pigment present in the \_\_\_\_\_ that is responsible for the \_\_\_\_\_ color of the blood.
3. \_\_\_\_\_ is nothing but the sound produced by the closure of \_\_\_\_\_ of the heart when the blood is pushed through its chamber.
4. A \_\_\_\_\_'s heart beat is faster than that of a \_\_\_\_\_'s.
5. The human heart continues to \_\_\_\_\_ even after it is taken out of the body or cut in to pieces.

## Part 4

<http://kidshealth.org/kid/quizzes/CSquiz.html#cat20913>

CIRCULATORY SYSTEM QUIZ