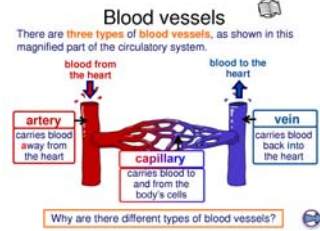
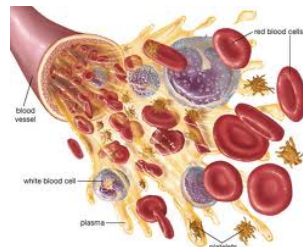
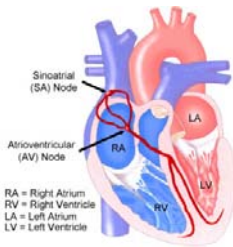


CIRCULATORY SYSTEM WEBQUEST

Name: _____

Period: _____



The Heart:

http://kidshealth.org/kid/body/heart_noSW.html

- 1) Your heart is really a _____.
- 2) Your blood supplies your body with the _____ and _____ it needs.
- 3) Where does the right side of the heart pump blood? _____
- 4) Where does the left side of the heart pump blood? _____

Click Continue

- 5) How many different areas is your heart made up of? _____
- 6) On your heart, what two chambers on the top fill with blood? _____
- 7) On your heart, what two chambers on the bottom fill with blood? _____
- 8) Valves work to keep blood flowing _____.

Click Continue

- 9) How long does it take your heart to pump blood to every cell in your body? _____

Click Continue

- 10) What makes the lub-dub sound of the heart? _____

Circulatory System: The Circle of Blood

<http://sln.fi.edu/biosci/systems/circulation.html> :

1. What three parts of your body work together to form the circle part of the circulatory system? 1. _____ 2. _____
3. _____
2. The circulatory system has three distinct parts. What are they?
 - a. _____ (lungs)
 - b. _____ (Heart)
 - c. _____ (rest of system)

OPEN HEART SURGERY

<http://www.pbs.org/wgbh/nova/eheart/transplantwave.html>

- Follow the directions and complete the open heart surgery.

ARTERIES AND VEINS

<http://library.thinkquest.org/5777/cir2.htm>

1. Do arteries carry blood away from or to the heart? _____
2. About how thick are the largest arteries? _____
3. About how thin are the smallest arteries? _____ What are these thinnest arteries called? _____
4. Do veins carry blood away from or to the heart? _____
5. What are the thinnest veins called? _____
6. Why don't veins have to be as strong as arteries? _____

Circulatory System Amazing Facts

<http://warriors.warren.k12.il.us/dburke/amazingfactscirculatory.htm>

1. About how many times does a heartbeat during an average lifespan? _____
2. About how many blood cells die each second and how many new ones are regenerated? _____ and _____
3. About how long does it take for a red blood cell to circle the whole body? _____
4. Where do red blood cells originally come from? _____
5. About how many times do they circulate in the body before they die? _____
6. About how long do red blood cells live? _____

BLOOD

<http://www.fi.edu/learn/heart/blood/blood.html>

1. How many liters of Blood does an average adult human have? _____
2. What is blood transporting to the body tissue? _____
3. What is blood taking from the body tissue? _____
4. True or False - Blood is alive. _____
5. What makes up 55% of your blood? _____
6. Without this blood part, you would bleed to death? _____

MORE BLOOD

<http://kidshealth.org/kid/talk/ga/blood.html>

1. _____ which carry oxygen throughout the body
2. _____ which fight infections
3. _____ which are cells that help you stop bleeding if you get a cut
4. _____ a yellowish liquid that carries nutrients, hormones, and proteins throughout the body.
5. _____ that goopy stuff inside your bones — makes the red blood cells, the white blood cells, and the platelets.
6. What gives blood it's red color? _____
7. True or False - White blood cells are bigger than red blood cells. _____
8. _____ are tiny round cells that help to make sure you don't bleed too much once you get a cut or scrape.
9. Plasma is a yellowish liquid that is mostly _____. But it also carries important nutrients, hormones, and proteins throughout the body.

