Mezzetti/Biology

Name: _____Block: _____

Circulatory System Web quest

Part I: Go to http://kidshealth.org/parent/general/body_basics/heart.html

1. What are the 3 components of the circulatory system?

2. What is systemic and pulmonary circulation? How are they different?

3. How many times does the average heart beat per minute?

4. Where is the heart located?

5. Name the 4 heart chambers and identify their location in the heart.

6. What is the role of the following in the circulatory system:
   - Arteries
   - Veins
   - Capillaries

7. What is oxygenated blood? De-oxygenated blood?

8. What is the difference between the pulmonary artery and the aorta? What type of blood do they transport?

9. Briefly describe 3 types of diseases of the circulatory system

10. Go to: http://www.teachersdomain.org/asset/tdc02_int_heartmap/ and trace the flow of the heart. Describe the flow of blood starting at the right atrium.

11. Go to: http://www.sciencelearn.org.nz/Contexts/See-through-Body/Sci-Media/Animations-and-Interactives/Label-the-heart and label the heart correctly.

12. Go to: http://science.nationalgeographic.com/science/health-and-human-body/human-body/heart-article/

    Click on Pumping-How many times the heart beat when at rest_____walking_____running_____

    Complete the interactive for Inside the Heart, Anatomy and Heart Attack.

13. What can cause a heart attack?

14. What did you find the most interesting from this internet activity?