

Site #1: <https://www.fi.edu/heart-engine-of-life>

Click on "Why does your heart beat?"

1. Explain in your own words what happens when your heart beats.

Click on "Human Heart Trivia"

2. How many times does your heart beat in a lifetime? _____
3. How big is your heart? _____
4. How much does your heart weigh? _____
5. What day of the week do more people have heart attacks? _____
6. Why is it that day? _____
7. Is laughter really the best medicine? _____
8. Why? _____
9. How many times does your heart "recycle" you blood each day?

Click on "What's Inside Your Heart?" then click on "How Your Heart is Formed"

10. What is the shape of your heart when it is first formed? _____
11. This shape is similar to a _____ heart.
12. In the second phase of development the heart forms _____ chambers.
13. This heart resembles a _____ heart.
14. The third phase has _____ chambers.
15. This is similar to a _____ or _____ heart.
16. When the heart is fully formed it has _____ chambers.

Click on "Structure of the Heart"

17. Make a simple sketch of a heart and label the 4 chambers.

18. The top chambers are rounded on top like a lower-case letter _____ which can help you remember that they are the _____.

19. The bottom chambers are shaped like a letter _____ which can help you remember that they are the _____.

What else is inside your heart?

20. The largest blood vessel is the _____ which is an artery.

21. Arteries carry blood that is rich in oxygen _____ from the heart.

22. The other artery is the _____. This artery carries oxygen-poor blood away from the heart to the _____. (the prefix pulmon means lungs)

23. The _____ carries blood to the heart. All veins carry blood to the heart.

24. There is also a pulmonary vein. Think about what you have read. The pulmonary vein must carry blood _____ (away from, to) the heart from the _____.

Click on "Your Living Blood", then click "It's Alive", then go to the 2nd bullet "The great transportation system"

25. Explain what your blood does for you.

Click on "Blood Vessels"

26. Briefly describe each type of vessel by completing the chart:

Type of vessel	Function
Arteries	
Capillaries	
Veins	