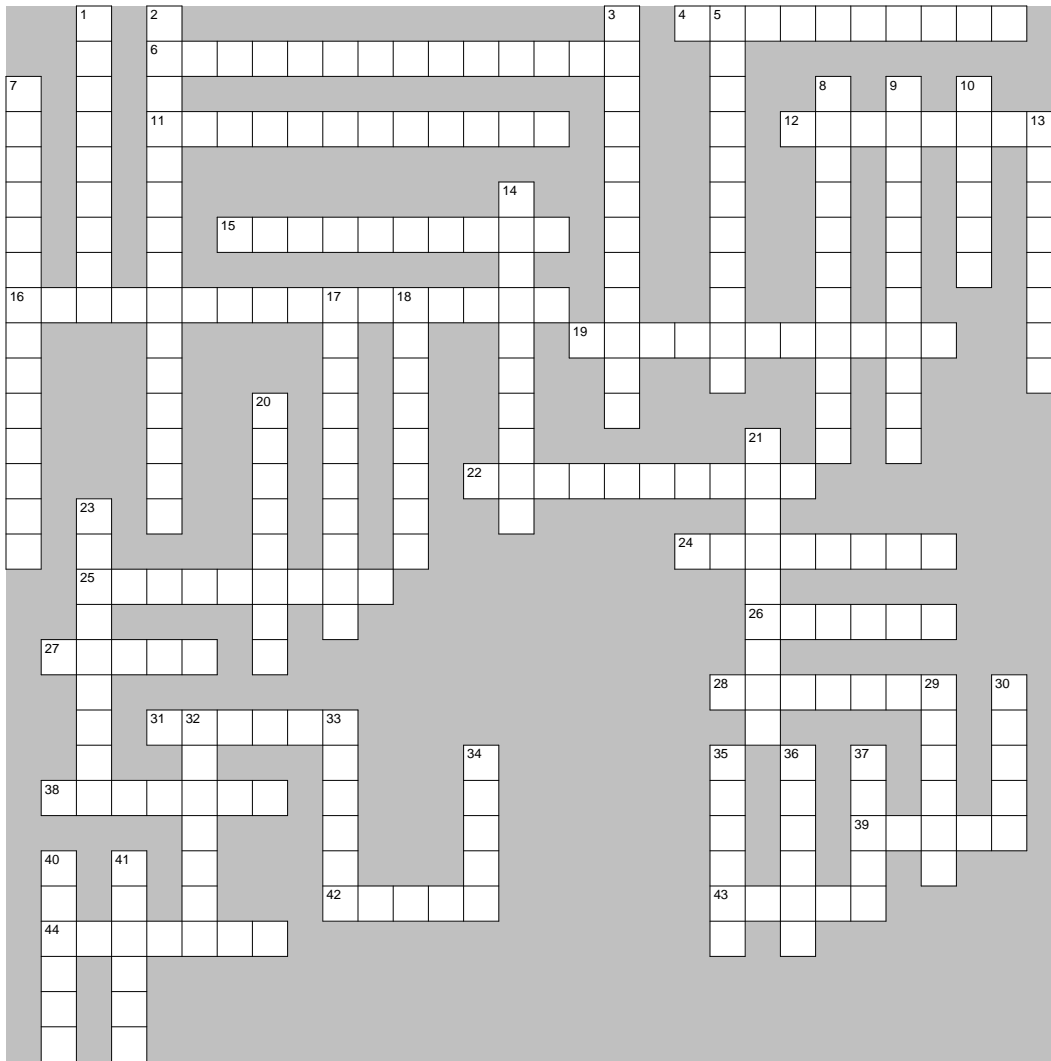


# The Circulatory System



## Across

4. A piece of cartilage called the ???? covers the entrance to the trachea when you swallow
6. Platelets release a clotting factor called ????
11. Red Blood cells are also called this
12. The Superior and Inferior ???? ???? bring oxygen poor blood to the right ventricle
15. This protein is responsible for the ability of the blood to clot
16. This is located in the Brain Stem
19. What is the transportation system of a living organism?
22. This is the iron-containing protein that binds oxygen in the lungs
24. The first number in a blood pressure reading ( 120/80 ) is called the ???? pressure
25. The sino atrial node may also be called the ????
26. Besides nutrients and waste products, what can diffuse easily across cell membranes?
27. The fluid in the lymphatic system is known as ????
28. These remove water from blood to help regulate blood pressure
31. The upper chamber of the heart are called ????
38. name of the man who performed the 1st heart transplant
39. Red Blood Cells are this shape
42. The right ventricle pumps blood to the ????
43. This is a swelling of tissues due to excess fluid
44. The alveoli are ????

## Down

1. What valve separates the right Atrium from the right ventricle?
2. This is a condition where fatty deposits build up on the walls of the arteries
3. "itis" means what?
5. The Heart is enclosed in a protective sac of tissue called the ????
7. This is a poisonous gas produced by cigarettes
8. Blood helps to regulate factors inside the body like body ????
9. The smallest blood vessels are called ????
10. What Greek word means "Heart"?
13. This part of plasma helps regulate osmotic pressure and blood volume
14. The lower chambers of the heart are called ????
17. White Blood cells are also called ????
18. This is a stimulant drug in cigarettes
20. The systolic blood pressure is the force felt in the arteries when the ventricles ????
21. The second number in a blood pressure reading is called the ???? pressure
23. This is a respiratory disease caused by smoking
29. The wall that separates the right and left side of the heart is called the ????
30. The body contains 4-6 liters of ????
32. This is also known as the windpipe
33. What valve separates the left Atrium from the left ventricle?
34. Blood returns to the heart through these
35. The Heart is located near the ???? of the chest
36. The largest veins have one-way ???? that keeps blood flowing to the heart
37. What is the plural of "Atrium"?
40. 55% of blood consists of a straw-colored fluid called ????
41. The ???? contains folds of tissue known as the vocal cords

What are smaller arteries that can open or close to control blood flow called?