

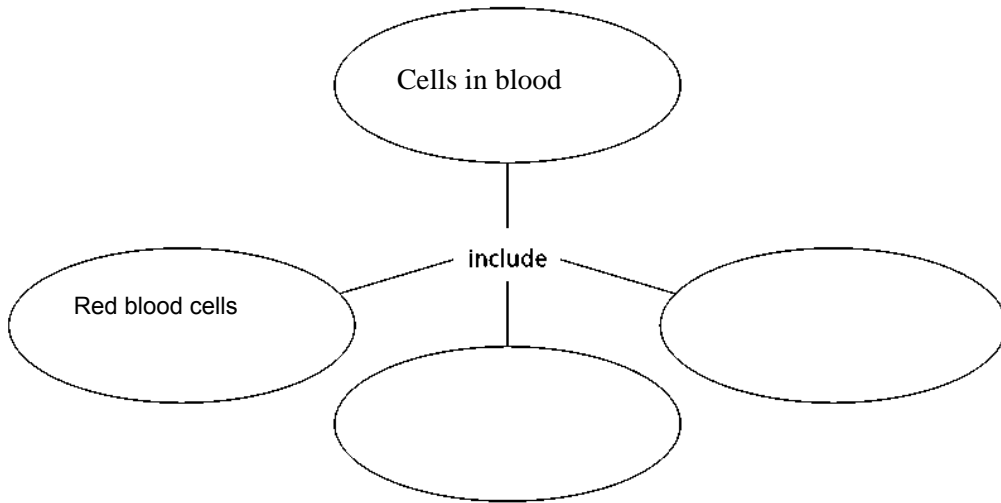
Circulation ■ *Guided Reading and Study*

Blood and Lymph

This section explains the components of blood and describes the jobs performed by the different parts of blood. This section also describes the lymphatic system.

Blood

1. What is the name for the liquid part of blood? _____
2. Complete the concept map below by naming the types of cells that are found in blood.



3. What is plasma mostly made up of? _____
4. List three kinds of materials that are carried in plasma.
 - a. _____
 - b. _____
 - c. _____

5. What job do red blood cells perform in the body?

6. What is hemoglobin, and where is it found? _____

7. What is the job of white blood cells? _____

8. List four ways in which white blood cells are different from red blood cells.
 - a. _____
 - b. _____
 - c. _____
 - d. _____
9. Is the following sentence true or false?
Platelets are pieces of cells. _____

10. Describe how a blood clot forms. _____

11. What is a blood transfusion? _____

12. Why can't a person with blood type A safely receive a transfusion of blood type B?

13. What is the Rh factor? _____

Blood Types

Match the blood type with the kinds of clumping proteins in its plasma.

Blood Type	Clumping Proteins in Its Plasma
____ 14. A	a. no clumping proteins
____ 15. B	b. anti-B proteins
____ 16. AB	c. both anti-A and anti-B proteins
____ 17. O	d. anti-A proteins

The Lymphatic System

18. What is the lymphatic system? _____

19. The fluid inside the lymphatic system is called _____

20. How do lymph nodes help fight disease? _____
