

Blood donation

Worksheet 3

WEBQUEST

BLOOD DONATION

ADAPTED FROM: http://www.biologycorner.com/anatomy/blood/blood_quest.html

Red Gold - The Epic Story of Blood

Go to the following website : <http://www.pbs.org/wnet/redgold/> --- click on BLOOD JOURNEY and then try to answer the following questions:

Phase 1: The Creation of Blood

1. What are the three kinds of cells found in blood? _____
2. What molecule in the blood cell carries oxygen? _____
3. What element makes blood red? _____

How is Blood Produced?

7. Where in the body are blood cells made? _____
8. What might cause the body to produce more blood cells? _____

Phase 2: The Circulatory System

9. Approximately how many liters of blood move through the circulatory system? ____
10. Name the three parts of the circulatory system:

Phase 3: Donation

11. How long does it take for your body to replace fluids lost during blood donation? _____
12. What should you do before donating blood? _____
13. What organization collects blood? _____
14. What are the four blood types? _____
15. Name two diseases you would be tested for before donating blood:
