

Name:
Date:
Period:

Blood Cells

Directions: Working in pairs, read pages 910-915 in Campbell. Take notes on the three kinds of blood cells, plasma, what are the functions of blood, and how blood clotting occurs. You may need to do outside research on the internet or in the library to achieve a complete understanding of blood. You will then write a two-page paper describing the three types of blood cells giving an overview of what they are and what are their functions. Make sure that you include in your paper information that answers the following questions. Do not, however, limit yourself to only answering these questions.

- ◆ What is blood made up of?
- ◆ Where and how is blood made?
- ◆ What are Erythrocytes?
- ◆ What is the structure and function of Erythrocytes?
- ◆ What is hemoglobin and why is it important?
- ◆ What are Leukocytes and what do they do?
- ◆ What is a thrombus? How is it helpful and harmful?
- ◆ What is atherosclerosis?
- ◆ What can effect blood clotting?
- ◆ What is hemophilia?
- ◆ What is plasma and what is it made of?
- ◆ What are the physiological functions of blood?

Suggestions: To make your work go quicker, you may wish to divide the reading up between you and your partner, giving each person related sections to read. When you and your partner get together to write your paper, each should briefly tell the other about the information each discovered. This will enable you two to make connections between your separate sections for when you write. When you do write your paper, make sure you are writing **IN YOUR OWN WORDS**. If you need to copy, make sure you put the words you copy in quotation marks.