

Name _____ Date _____ Hour _____

Guided Reading 7-2 The Plasma Membrane

1. How does the plasma membrane help maintain homeostasis within cells?
2. What does selectively permeable mean?
3. What type of macromolecule makes up most of the plasma membrane?
4. Sketch one phospholipid molecule. (hint see figure 6)
5. Why do we use the word "bilayer" when describing the plasma membrane?
6. Which end of the phospholipid molecule likes water? Which end hates water?
7. What stops water-soluble substances from crossing the plasma membrane easily?

8. What other molecules are found within the plasma membrane structure?

9. What do transport proteins do for a cell?

10. Explain how the inside of a cell remains separate from its environment.