Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Plasma Membrane and Cell Transport Notes

The cell membrane is composed of two \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and has two functions:

* Form a boundary between the inside and the outside of the cell.
* Control the \_\_\_\_\_\_\_\_\_\_\_\_\_ of materials.
* Has \_\_\_\_\_\_\_\_\_\_\_\_\_\_ embedded (in the middle) in the membrane for facilitate \_\_\_\_\_\_\_\_\_\_\_ and active \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Can be described as the \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ model.
* Is \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ which means that it allows some molecules to pass through but not others.

Draw a picture of the phospholipid bilayer and label: a) **hydrophilic phosphate head** and b) **hydrophobic fatty acid tail (Top box. on pg. 177)**

**Now, draw, color label the Cell Membrane on pg. 177 below**

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