Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: 10/31/14 Class: Gold 1

**1**

Open your **notebook** to two new pages.

* On the right page, draw a LARGE version of the table below:

|  |  |  |  |
| --- | --- | --- | --- |
| **Membrane Component** | **Description** | **Arrangement/structure (e.g. what are its physical features?)** | **Role (function)** |
| Phospholipids |  |  |  |
| Glycoproteins |  |  |  |
| Cholesterol |  |   |  |
| Peripheral protein |  |  |  |
| Integral protein |  |  |  |

* + On the left page, you should create a diagram of the cell membrane (as you go through this lesson)

**2**

* Go to my Weebly site🡪 “AS Biology”🡪 “Unit 4”🡪 “Fluid Mosaic Model”
* Click on the first link to read about the membrane components and **fill in your chart**

**3**

* On the left page, draw (or cut-and-paste) the various components in your lipid bilayer diagram.

\*\*Be sure to **label** everything AND pay attention to the specific arrangement of each of the membrane components\*\*

**4**

* Click on the link for the “Cell Defense Game” and choose the challenge, “Build a Membrane!” <http://biomanbio.com/GamesandLabs/Cellgames/celldefense.html>
* (If time remains) Read pages 70-72 from your Coursebook Ch. 4 packet. Compare your diagram and table to the info in the book.