

## CELL MEMBRANE NOTES PART I

### How do molecules, food, and ions get into and out of the cell membrane?

Before we discuss how it happens you need to know a few key vocabulary words.

Hydrophobic - \_\_\_\_\_

Hydrophilic - \_\_\_\_\_

Concentration Gradient - \_\_\_\_\_

Solute - \_\_\_\_\_

Solvent - \_\_\_\_\_

Solution - \_\_\_\_\_

Equilibrium - \_\_\_\_\_

### Composition of the Cell Membrane & Functions

All cells have a cell membrane. The cell membrane is also called the \_\_\_\_\_ membrane. It is made of a phospholipid \_\_\_\_\_. The head of a phospholipid is made of an alcohol and \_\_\_\_\_ group, while the tails are chains of \_\_\_\_\_. Phospholipids can move \_\_\_\_\_ and allow water and other \_\_\_\_\_ molecules to pass through into or out of the cell. This is known as \_\_\_\_\_ because it does not require \_\_\_\_\_ and the water or molecules are moving \_\_\_\_\_ the \_\_\_\_\_.

