

Name: _____

Class: _____

ACTIVITY SHEET**1.1 Cell membrane**

The cell membrane, also known as the plasma membrane, is the organelle that separates the internal cell environment from the external cell environment. The phospholipid bilayer, along with proteins and carbohydrates, recognises and allows substances to enter the cell. Over time, scientists have developed a model of the plasma membrane.

Draw and annotate (providing descriptions of function) a section of a plasma membrane and use the following terms as labels in your diagram.

- Cholesterol
- Carbohydrate
- Hydrophilic head
- Hydrophobic fatty-acid chains
- Phospholipid bilayer
- Adhesion protein
- Recognition protein
- Receptor protein
- Transport protein