

Membrane Structure

- _____ naturally form _____ sheet-like _____ in water because these molecules are _____. This is because, they have a _____ phosphate _____ and a _____ hydro-_____ tail. These tails are _____ permeable to only _____ and/or _____ molecules. This makes the _____ bilayer an effective _____.
- Draw the _____ mosaic model of the _____ membrane in the space below, labelling the structures you have included:

- Your diagram should include several membrane _____, which can have a diverse range of functions:

i) _____ proteins are _____ in one or both of the _____ layers.

When they go completely _____ the _____, these proteins can be for transport.

For example, _____ for passive transport, or _____ for _____

transport. They can form _____ transport chains as well.

ii) _____ proteins sit on the _____ heads.

They could act as _____ binding sites or _____ enzymes.

- In addition to these structures, there should also be _____ which are for cell _____. One could also include _____ which are for cell _____.

- _____ is part of the _____ plasma membrane as well. It _____ the fluidity and _____ of the membrane. It _____ membranes at _____ temperatures and _____ at lower temperatures.