

B 2.1 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 _____ impermeable to _____ 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, they can be _____ 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-to-cell _____ and/or _____. These _____-based structures are located on the _____ part of the membrane. One could also include _____ which are similar, except bind to _____ rather than to _____.