**Stage 1 Biology**

**Cell Membrane Structure**

*LI: I can identify the structure and function of different parts of the cell membrane.*

**Task 1: Watch it**

Review the provided videos that focus on the cell membrane. You can watch them in any order. As you do jot down or quickly sketch key points and ideas in a Word document or in your notebook. At the end you will have a set of point form notes on the key aspects of the cell membrane.

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| **Title** | **URL** |
| Structure of the Cell Membrane (Nucleus Biology) | <https://www.youtube.com/watch?v=RT61MUjogRo> |
| The Plasma Membrane and the Fluid Mosaic Model (Richochet Science) | <https://www.youtube.com/watch?v=CNbZDcibegY> |
| Discovery of the Cell Membrane (TedEd) | <https://www.youtube.com/watch?v=yAXnYcUjn5k> |
| Cell Membranes are Way More Complicated than You Think! (TedED) | <https://www.youtube.com/watch?v=nsklF1w4eok> |
| Inside a Cell Membrane (Amoeba Sisters) | <https://www.youtube.com/watch?v=qBCVVszQQNs> |

**Task 2: Draw it**

Using an A3 piece of paper (landscape) draw a large cross section of a typical cell membrane in 2D. You can use crayons, etc. to add detail.

You must annotate your drawing with labels and brief dot points that help the structure/function.

You must include the following terms as a minimum:

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| Hydrophobic  Hydrophilic  Phospholipids  Integral Proteins   * Channel proteins * Carrier proteins | Peripheral proteins  Cholesterol  Glycoproteins  Glycolipids |