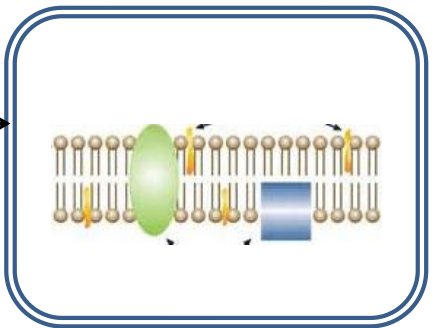


Transport Across Cell Membranes

[Empty box for description of active transport]

[Empty box for function of cell membrane]

Label this diagram to show the two chemical components of a cell membrane.



Give a full description of the process of active transport, including an example of substances that move by active transport.

What is the function of the cell membrane?

Give a definition of diffusion.

[Empty box for definition of diffusion]

Name 4 substances that move by diffusion.

[Empty box for substances that move by diffusion]

[Empty box for leaf cell description]

Describe what would happen to a leaf cell when placed in a solution with a lower water concentration

Describe what would happen to a red blood cell when placed in a solution with a lower water concentration

Give the meanings of the following terms.

Osmosis

[Empty box for Osmosis definition]

Plasmolysed

[Empty box for Plasmolysed definition]

Turgid

[Empty box for Turgid definition]

Explain why glucose sugar can move across the cell membrane, but not starch.

[Empty box for explanation of glucose and starch transport]

[Empty box for red blood cell description]