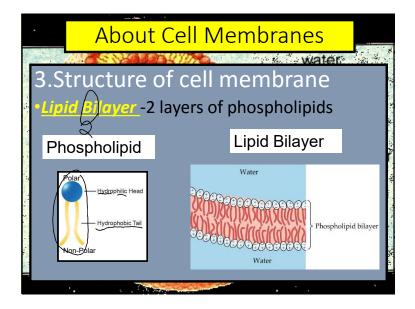
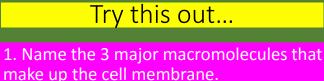


1

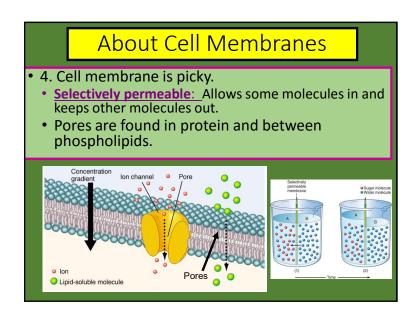


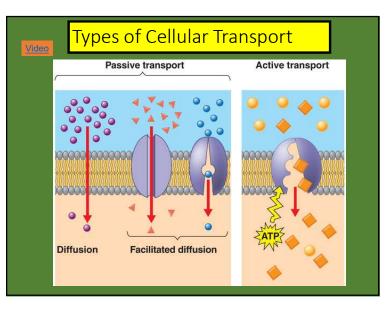


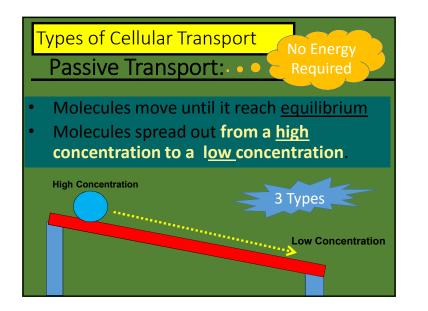
- •1. Lipid (phospholipids)
- •2. Proteins
- •3. Carbohydrates

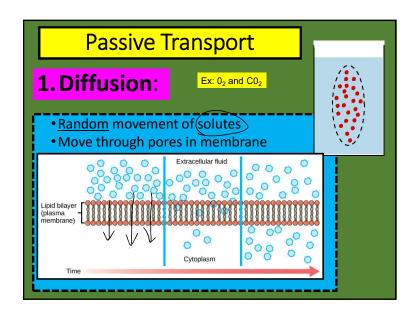
2. Because the cell membrane only allows certain items to go in and out of the cell it is Selectively Permeable .

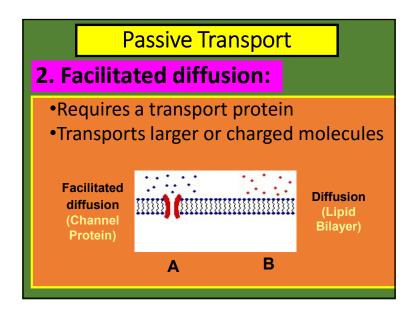
3. What process is being managed but will be negatively affected if the cell membrane stops working? Homeostasis

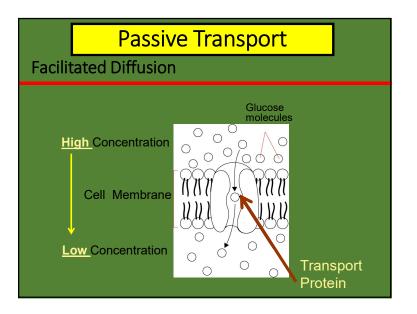


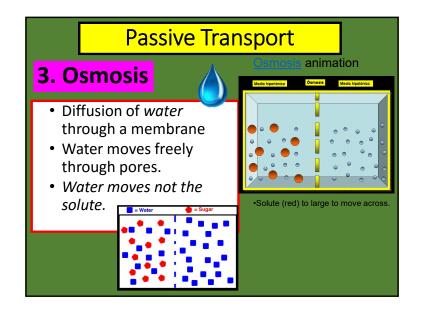


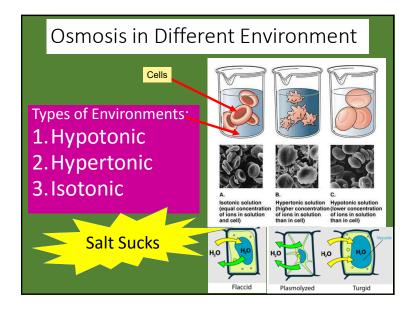


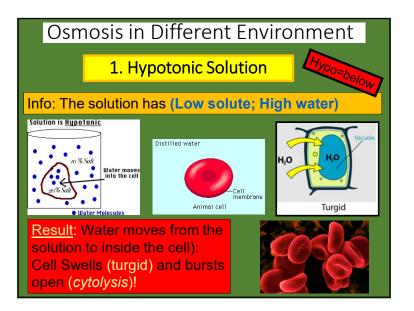


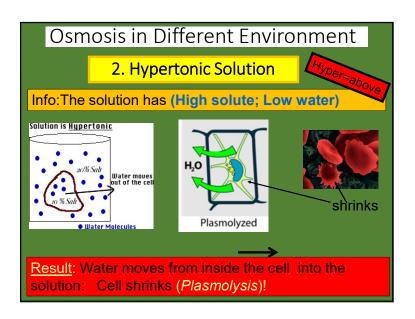


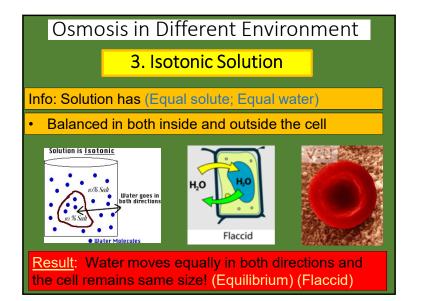




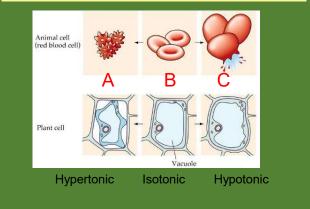


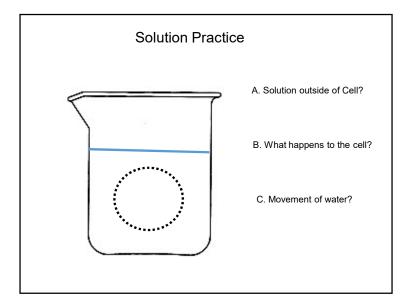






What type of solution are these cells in, explain what's happening to the shape of cell, and which direction is the water going?





How Organisms Deal with Osmotic Pressure

•Bacteria and plants have cell walls that prevent them from over-expanding. In plants the pressure exerted on the cell wall is called tugor pressure.

•A protist like paramecium has contractile vacuoles that collect water flowing in and pump it out to prevent them from over-expanding.

•Salt water fish pump salt out of their specialized gills so they do not dehydrate.

•Animal cells are bathed in blood. Kidneys keep the blood isotonic by remove excess salt and water.

