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♥ Marie



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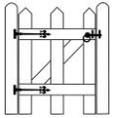
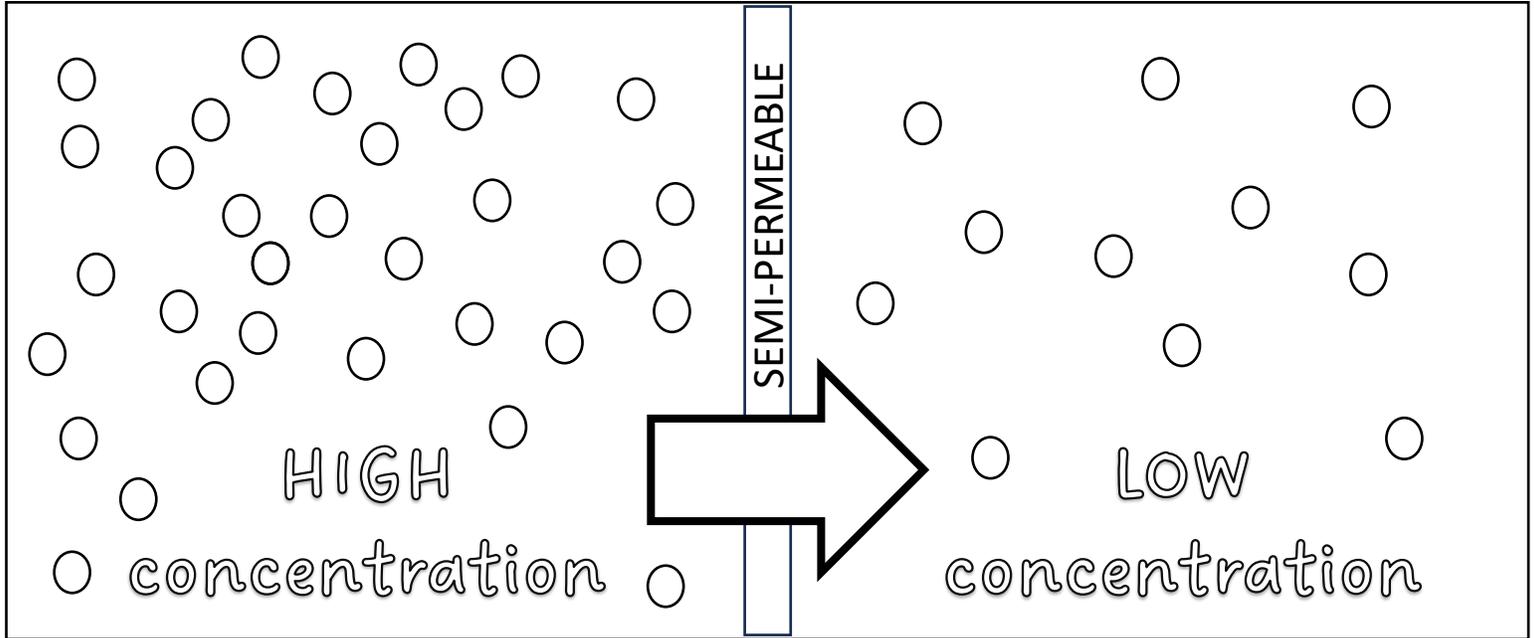
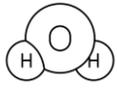
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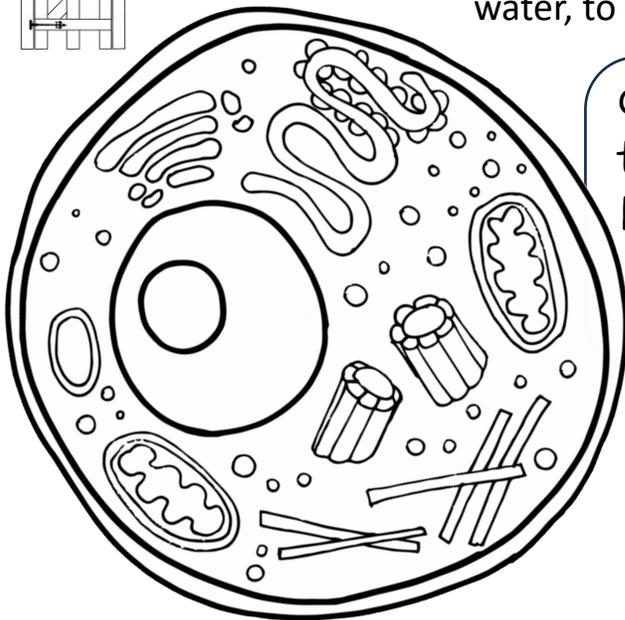
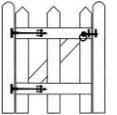
What is Osmosis?



Osmosis is the process of water molecules moving from a place of high concentration to a place of low concentration through a semipermeable membrane.



A semi-permeable membrane is a barrier that allows some substances, like water, to pass through but not others.



Osmosis is important because it helps regulate the balance of water and other substances in living things. For example, in our cells, osmosis helps maintain the right balance of water and other substances like salts and sugars.

If the concentration of water is the same on both sides of a semi-permeable membrane, osmosis will not occur. This is called a state of equilibrium.

OSMOSIS HAPPENS WHEN A PLANT ABSORBS WATER FROM THE SOIL. THE WATER MOVES FROM THE SOIL, WHERE THERE IS A HIGH CONCENTRATION OF WATER, TO THE ROOTS, WHERE THERE IS A LOW CONCENTRATION OF WATER.

