



# Cell Transport **Match and Draw**

**active transport**

The difference in concentration between two solutions on either side of a membrane.

**concentrated solution**

The diffusion of water from a dilute solution to a concentrated solution through a partially permeable membrane.

**concentration**

The movement of substances from a more dilute solution to a more concentrated solution (against a concentration gradient). This requires energy from respiration.

**concentration gradient**

A solution that contains a large amount of solute.

**dilute solution**

A measure of the amount of solute in a solution.

**diffusion**

The spreading out of particles resulting in a net movement from an area of higher concentration to an area of lower concentration.

**osmosis**

A membrane that allows small molecules (e.g. water and certain solutes) to pass across it but does not allow the passage of large molecules.

**partially permeable membrane**

A solution that contains a small amount of solute.



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<b>active transport</b>	The difference in concentration between two solutions on either side of a membrane.
<b>concentrated solution</b>	The diffusion of water from a dilute solution to a concentrated solution through a partially permeable membrane.
<b>concentration</b>	The movement of substances from a more dilute solution to a more concentrated solution (against a concentration gradient). This requires energy from respiration.
<b>concentration gradient</b>	A solution that contains a large amount of solute.
<b>dilute solution</b>	A measure of the amount of solute in a solution.
<b>diffusion</b>	The spreading out of particles resulting in a net movement from an area of higher concentration to an area of lower concentration.
<b>osmosis</b>	A membrane that allows small molecules (e.g. water and certain solutes) to pass across it but does not allow the passage of large molecules.
<b>partially permeable membrane</b>	A solution that contains a small amount of solute.