

## Cellular Processes – Card Sort

Homeostasis

Active Transport

**Instructions:** Lay out the three large Category cards. Place the 12 descriptor cards under the correct category. Check the key (get it from the teacher) and discuss and correct any wrong answers.

Osmosis

## Cellular Processes – Examples

Liquid moving low concentration to high concentration	Water moving from a capillary into a liver cell	A nephron in a kidney filters blood to remove wastes	ATP(Adenosine Triphosphate) is needed for this process
Glucose in high concentration outside the cell moves through a protein to low concentration in cell	This process does not require energy	Cells maintain balance inside and outside the cell	Plasma Membrane/ Cell Membrane
Water outside of a cell enters a cell that contains a lot of salt	A potato stored in salty water loses its water content	A saltwater fish dies when it is stored in fresh water.	Hydrogen ions actively transported across a membrane