

- uptake of **glucose** by epithelial cells in the villi of the small intestine
- uptake of **ions** from soil water by root hair cells in plants

	DIFUSSION	OSMOSIS	ACTIVE TRANSPORT
DOWN A CONCENTRATION GRADIENT	Yes	Yes	No
AGAINST A CONCENTRATION GRADIENT	No	No	Yes
ENERGY NEEDED	No	No	Yes
SUBSTANCE MOVED	Dissolved solutes	Water	Dissolved solutes
NOTES	Gases and dissolved gases also diffuse	Partially permeable membrane needed	Carrier protein needed

Preview from Notesale.co.uk
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