Cell	Pro	cesses	Not	es	
Mov	ing	Materia	ls In	and	Out

Name	

Cell Membrane:

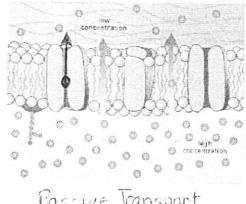
1.	Each cell is surrounded by a	which provides	
	and	the passage of materials	
	between the cell and its	•	
2.	A cell membrane consists of two layers compose	ed of	
	and		
3.	A cell membrane is known as a		
	membrane since it only allows	to	
	move into and out of the cell.		
	Cell Membran	e	
	1 BRACOXX 11 0888	7	

Diffusion:

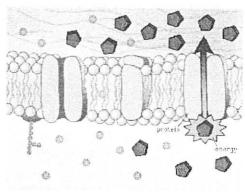
1.	Organisms use the process of	_to allow useful
	molecules to enter the cells and remove	
	l	
2.	Diffusion is the movement of gas or solute molecules from	
		to
		until they
	are spread throughout a space.	
3.	For example, a high concentration of from the	e lungs moves to a
	lower concentration in the blood, while	moves
	from an area of high concentration in the blood to a lower con	centration in the air
	sacs.	
	4 PRODUCT	

| Lipids Proteins

Osmo	osis: The				
		to carry out			
2.	Osmosis is the	of water throug	gh a cell membrane fron		
	a higher water concentra	tion () to a lower wate		
	concentration (more conc	centrated solution).			
Passi	ve and Active Transport	:			
1.	The transport of materials across a cell membrane from areas of higher				
		lower concentration without the	<u>use of energy</u> is called		
2.		are used to carry large	e molecules across the		
		cess is called			
3.		across the cell membrane from a			
	concentration to an area of high concentration. The transport of materials				
	through proteins in the ce	ell membrane <i>using energy</i> is ca	lled		
4.	An example of active tran		take in		
	5	from the surrounding soil.			
	0 0w	70 0 0	00000		



Passive Transport



Active Transport