

Plasma Membrane Transport Activity

Name: _____

Work in small groups to sort each process into one of the four categories: Passive Transport, Active Transport, Endocytosis, or Exocytosis. Use the chart to record your answers and discuss your reasoning. Be prepared to explain why you placed each example where you did.

Transport Processes:

1. Oxygen moving across the membrane without energy
2. Sodium-potassium pump using ATP
3. Water moving through aquaporins
4. Cell engulfing bacteria
5. Releasing neurotransmitters from vesicles
6. Carbon dioxide exiting the cell
7. Glucose entering a cell with the help of a protein
8. Hormones being packaged and shipped out of the cell
9. Cell taking in large fluid droplets
10. Ions moving against their concentration gradient
11. Small nonpolar molecules diffusing across the lipid bilayer

Passive Transport	List Transport Process by #:
Active Transport	
Endocytosis	
Exocytosis	

What is the main difference between active and passive transport?
