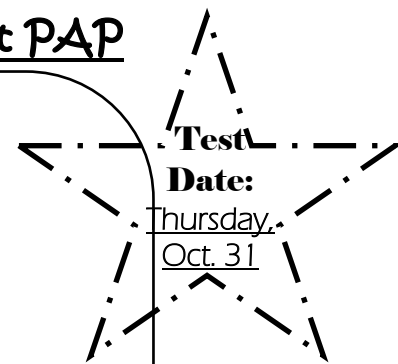


Cellular Transport Unit 4 Expectation Sheet PAP

I CAN -




- 1. Explain why homeostasis is critical to all organisms and consequences if not maintained
- 2. Describe the role cell organelles play in maintaining homeostasis
- 3. Diagram or describe the structure of the cell membrane (9A)
- 4. Explain how the structure of the membrane allows for different types of material to move in and out of the cell (4B)
- 5. Differentiate between diffusion and osmosis and explain how it affects the cell(4B)
- 6. Explain the process of passive transport and active transport using diagrams and words (4B)
- 7. Predict whether active or passive transport is occurring based on the movement and concentration of molecules (4B)
- 8. Predict the type of passive transport that is occurring (4B)
- 9. Differentiate among isotonic, hypotonic and hypertonic (4B)
- 10. Explain how size of cell relates to diffusion (4B)
- 11. Recognize the difference between hydrophobic and hydrophilic (4B)
- 12. Predict which molecules move through cell membrane or proteins (4B)



Plasma membrane, Cell Membrane, Phospholipid Bilayer, Homeostasis, Equilibrium, Phospholipid, Passive Transport, Active Transport, Diffusion, Osmosis, Facilitated Diffusion, Concentration Gradient, Concentration, isotonic, hypertonic, hypotonic, hydrophobic, hydrophilic

Calendar

Words to Know 

Monday 10/14	Tuesday 10/15	Wednesday 10/16	Thursday 10/17	Friday 10/18
	Topic: Cell Membrane Activities: Plasma Membrane Structure & Transport By the end of the period I can: 1, 2	PSAT DAY	Topic: Cell Membrane Activities: Cell Transport vocab By the end of the period I can: 1,2,3,4 SUBSTITUTE	Topic: Cell Transport 
Monday 10/21	Tuesday 10/22	Wednesday 10/23	Thursday 10/24	Friday 10/25
Topic: Cell Transport Activities: Passive Transport By the end of the period I can: 2, 3	Topic: Cell Transport Activities: Passive vs Active Transport By the end of the period I can: 4	 Topic: Cell Transport Activities: Transport By the end of the period I can: 4	Topic: Cell Transport Activities: Cell Transport Lab By the end of the period I can: 3, 4, 5	Topic: Cell Transport Activities: Cell Transport Lab By the end of the period I can: 3, 4, 5
Monday 10/28	Tuesday 10/29	Wednesday 10/30	Thursday 10/31	Friday 11/1
Topic: Cell Transport Activities: Cell Transport Practice By the end of the period I can: 3, 4, 5	Topic: Cell Transport Activities: Cell Transport Bringing it together By end of period I can: 1, 2, 3, 4, 5	Topic: Cell Membrane and Transport Activities: Review By end of the period I can: 1, 2, 3, 4, 5 Cellular Transport Exam	Test Analysis and Progress Check

**** This is a tentative calendar and subject to change.