



AP Biology Topic 2.7 – Facilitated Diffusion video notes

1. Small, nonpolar molecules can _____
What kinds of molecules can pass easily through the bilayer? _____
2. How is facilitated diffusion different from diffusion? _____
3. Molecules that can't pass through the lipid bilayer cross through active transport or facilitated diffusion - _____
4. What type of molecules can't pass through the cell membrane on their own? _____
5. What are the two types of transport proteins? _____
6. How do sodium and potassium get across the cell membrane? _____
7. Large amounts of water undergo _____
8. Membranes are polarized, meaning they have a _____
Voltage across a membrane is called _____. Acts as a _____
9. A cell's "resting potential" is _____. Both concentration and drive _____
10. What causes the sodium and potassium to move across the cell membrane? _____
11. What is the function of gated channels? _____

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12. What does the Sodium-Potassium pump do? _____

13. What do electrogenic pumps do? _____

14. What do proton pumps do? _____

15. Cotransport involves using _____

16. H⁺ ions are pumped out, _____

17. How are protons moved out of the cell? _____

18. How is sucrose brought into the cell? _____

This is an example of _____.