Homeostasis Unit Review

1. Wellness
    a. What does this mean?
    b. What are examples of areas people focus on?
    c. What could be consequences of wellness choices in your life?
    d. Example, or topic of your wellness plan.
2. Homeostasis
    a. What is homeostasis? How is it a dynamic equilibrium?
    b. Why is it important?
    c. What are examples of systems in the human body?
    d. What are normal states for body temperature, blood pressure, blood pH, and blood glucose?
    e. How does negative feedback systems relate to homeostasis?
3. Negative Feedback
    a. What is it?
    b. Why is it important?
    c. What are examples of the components of a negative feedback system?
4. Being Alive
    a. What are 6 main characteristics of life?
5. Cell Transport
    a. What are the 3 methods of transport?
    b. What are examples of passive transport?

c. How do concentration gradients effect passive transport?

d. What is the difference between diffusion and osmosis?

e. Osmosis: Know the way water will move across a membrane when a cell is in an isotonic solution, hypertonic solution, or hypotonic solution

    i. Know the difference between isotonic, hypertonic, and hypotonic.

f. Know that facilitated diffusion is still passive transport (requires no energy) and still follows the concentration gradient.

g. What are 2 factors that influence passive transport

h. What is active transport? How is it different than passive transport? How is it similar?

i. What is endocytosis?

    i. What is the difference between pinocytosis and phagocytosis?

j. What is exocytosis?

6. Labs

    a. Be able to understand purposes of labs and use them as examples for questions.