

Name: _____

Plant Systems and Body Systems Review Reflection

What I Should Be Able To Do

- Describe the interactions that occur among systems that perform the functions of transport, reproduction, and response in plants
- Describe the interactions that occur among systems that perform the functions of transport, reproduction, and response in animals
- Compare the reactants and products of photosynthesis and cellular respiration in terms of energy and matter

Content Knowledge From Today

1. Identify and describe the type of energy made of the 2 main organelles involved in energy production in photosynthesis and cellular respiration.

2. How do the products and reactants compare in photosynthesis and cellular respiration?

3. Describe how the xylem and phloem work together to transport material around the plant.

4. Explain the function of the guard cells.

5. Why would a plant close the stomata?

6. Describe how the parts of the flower work together for plant sexual reproduction. (Where is pollen made, then trace the path to the ovule for fertilization).

7. Describe the plant response to –
 - gravitropism

 - phototropism

 - thigmotropism

8. List the body systems involved in the following activities and briefly describe the function of each.
 1. Transporting Oxygen and Carbon Dioxide in the body
 2. Running away from danger
 3. Giving birth
 4. Fighting disease