

Name _____

Date _____

Guide Questions for Diagram 2-9: Structures of Photosynthesis

Answer the questions using complete sentences.

1. What is photosynthesis?
2. How is photosynthesis essential to humans? Cite two (2) examples.
3. Describe the role of chloroplasts
4. Describe mesophyll cells in detail.
5. What is the role of mesophyll cells in photosynthesis?
6. What are stomates?

7. How are plant cells different from animal cells? (Refer to diagram 3)

8. Why is the nucleus located along the edge of the cell?

9. What is a stroma? (Refer t diagram 4)

10. What are thylakoids? (Refer to diagram 5)

11. Describe the role of chlorophyll in photosynthesis?

12. Describe the role of ATP synthase in photosynthesis?