Name _____

Photosynthesis: Nature's Green Energy Factory

Open-Ended Response Questions

1. Describe the two main stages of photosynthesis, including where they take place and their significance in the process.

2. Explain the connection between photosynthesis and the production of oxygen, emphasizing why oxygen is essential for life on Earth.

3. Discuss the environmental benefits of photosynthesis, such as its role in mitigating climate change by reducing atmospheric carbon dioxide levels.

4. Imagine you are a scientist studying photosynthesis. What experiments could you conduct to better understand this process and its impact on the environment?

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