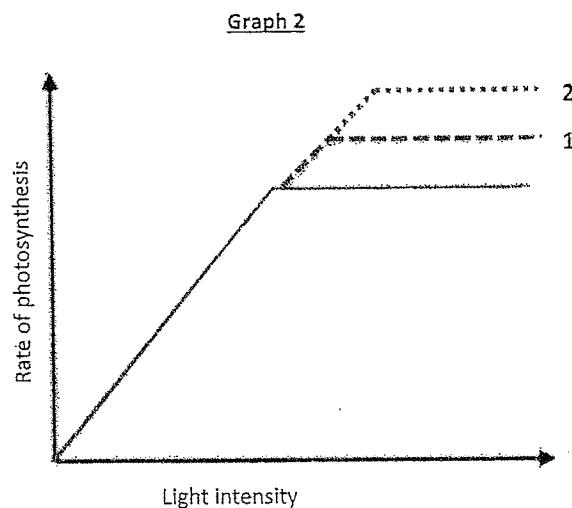
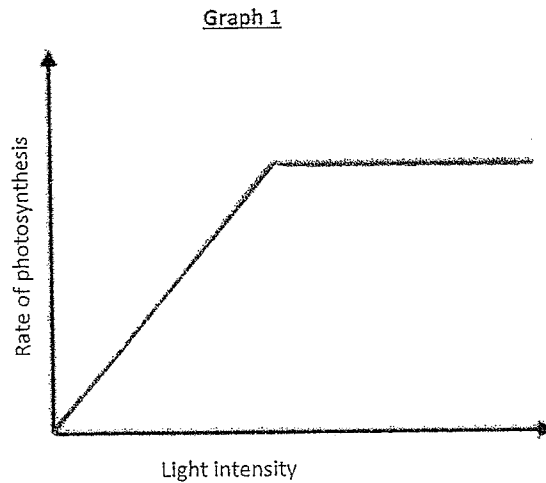
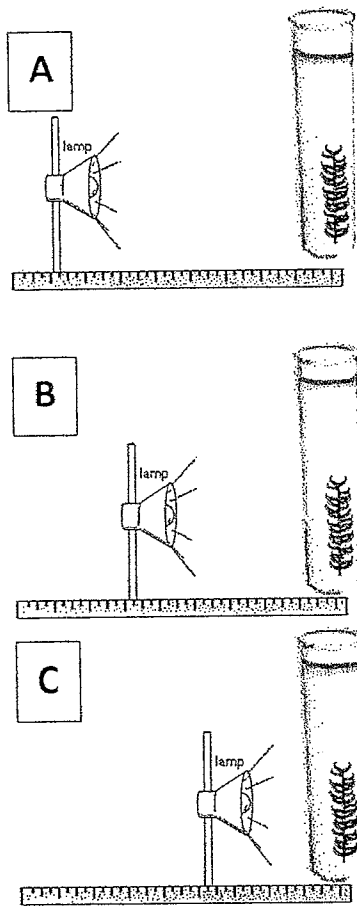


Rate Limiting Factors - Photosynthesis

1. Diagram the amount of bubbles forming in the test tubes of water with elodea (seaweed) if the intensity of light changes.
2. Use the letters A,B,C to label the corresponding part of graph 1.



3. What gas should you assume is in the bubbles?
4. Explain what an increasing bubble rate suggests about the rate of photosynthesis.
5. Explain what would have to happen in order to raise the rate of photosynthesis to the level represented by line 1 in graph 2.
6. Explain what would have to happen in order to raise the rate of photosynthesis to the level represented by line 2 in graph 2.