

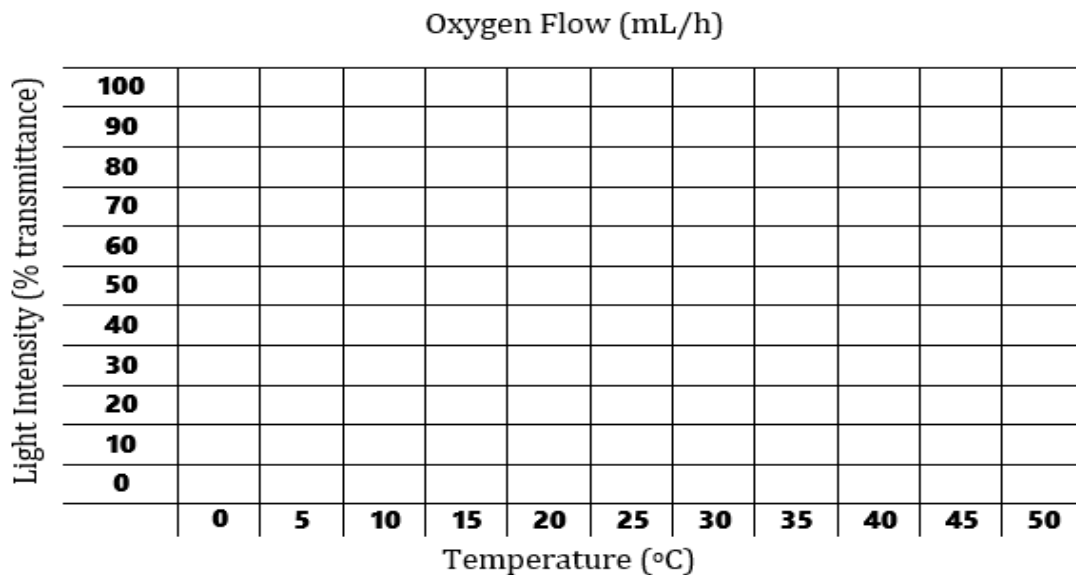
Biology - Semester 1 - Unit 4 Virtual Lab: Photosynthesis

Argument Driven Inquiry

The Research Question: How and why do light intensity and temperature affect the rate of photosynthesis in plants?

Claim: (Hypothesis) What temperature(s) and light intensity(ies) do you believe is the most ideal for photosynthesis to occur?

Evidence: (data and your interpretation of the data)



Trend Lines:

- Highlight the column with the highest amount of Oxygen Flow.
- Highlight the row with the highest amount of Oxygen Flow.

Interpretation of the Trends:

(Analysis)

Justification of the Evidence: (Conclusion) WHY do you believe your claim to be correct? What evidence do you have to support your claim? What does your data, which supports your claim, mean regarding a plant's ability to photosynthesize?