

Bio TMS

Influencing The Rate Of Photosynthesis
Name: _____ Per. _____

Goal:
You need to establish an experiment that allows you to test and identify various levels of photosynthesis.

Supplies offered:

- Lights	- Thermometers	- Water
- Light bulbs	- Beakers	- Textbooks

Hypothesis:
If:

Then:

Because:

Independent Variable(s) (I.V.):

Levels of the I.V. (indicate control):	<i>Low light intensity</i>	<i>Med light intensity</i>	<i>High light intensity</i>
# of trials conducted for each I.V. level			

Dependent Variable(s) (D.V.):

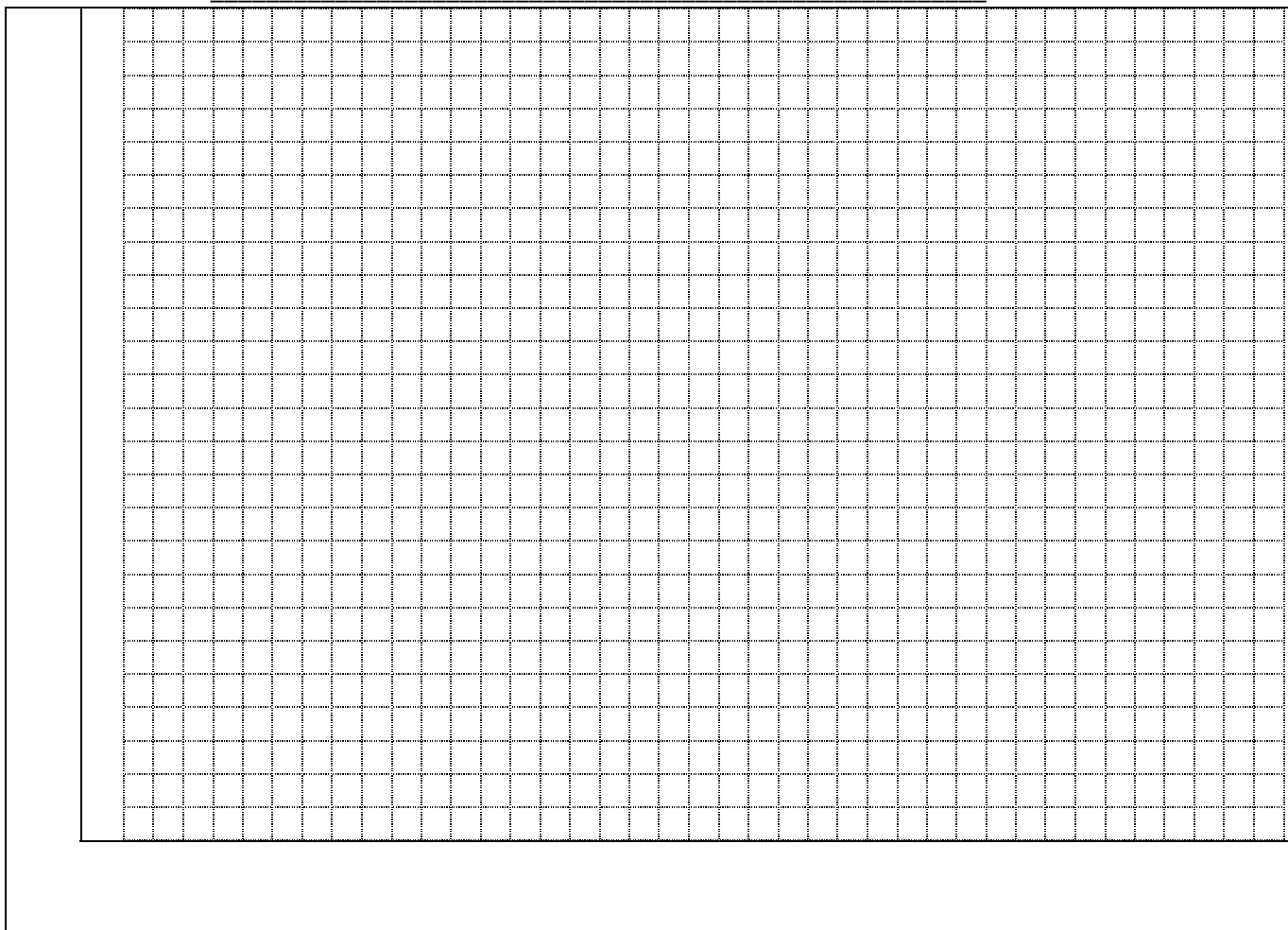
Constants:

Data Tables:
A) Varying Light Intensity

Distance to Light Energy (cm)	Amount of Bubbles (3-Minutes)	Bubble Rate (Bubble/Minute)	Pace of Photosynthesis
5			
20			
Control: No Light			

Graph:

Title: _____



Draw the Experimental Set-Up: