STEAM.KZ

Laboratory Work №5

«Study of factors affecting the process of photosynthesis»

Student's full name

_____

Class _____

School _____

Teacher's full name

_____

Date _____

Purpose *(briefly write the purpose of the laboratory work):*

Hypothesis *(write an assumption for laboratory work):*

Introduction *(write down the necessary theoretical data on laboratory work):*

MATERIALS *(write down which materials, installations you used during the experimental work for each experiment separately):*

THE PROCEDURE FOR PERFORMING LABORATORY WORK
(for each experiment separately):

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Data *(write the results in the table below)*

distance between plant and light, cm	number of O2 bubbles released in 1 minute			
	I	**II**	**III**	**mean**
5				
10				
15				
20				
25				

Discussion of the results *(explain the results you have obtained and link them to the theory):*

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Answer the questions*:*

1)How does changing light intensity affect the process of photosynthesis?

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2)*What is the role of chlorophyll pigments in photosynthesis and how do they interact with light?*

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3)What other factors besides light can affect the process of photosynthesis?

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Conclusion *(draw conclusions about the work done):*

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