STEAM.KZ

Laboratory Work №6

"Examine Archimedes' force"

Student's full name

_____

Class _____

School _____

Teacher's full name

_____

Date _____

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

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

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

MATERIALS *(write down which materials, installations you used during the practical work):*

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

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

№	Weight in air P_0, N	Weight in air with error $P_0 \pm \Delta F$, N	Weight in water P, N	Weight in water with error $P \pm \Delta F$, N	Volume of immersed body, V, мл	Archimedes' force, F_A, N	We dis li
1							
2							

Discussion of the results *(discuss the results that you obtained in the experiment and answer the questions)*

1) *Is there a difference between Archimedes' force and the weight of displaced water?*

2) *What does Archimedes' force depend on? Did Archimedes' force change when we changed the volume of immersed part of the body?*

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