

## Final Written Report

Your final report will consist of four paragraphs

- In the first paragraph, discuss how a glacier flows. Include how different parts of a glacier (for example, sides, versus middle) move differentially. Discuss how different surfaces (rock versus water, for example) affect the rate of flow. Apply these situations to both your model glacier and what you have learned about real glaciers.
- In the second paragraph, describe how you set up your model glacier. Include its limitations compared to real glaciers. Reference the glacier simulation (PhET) where appropriate.
- In the third paragraph outline your procedure for measuring the flow rate of your model glacier. Describe alternative design ideas, the pros and cons and accuracy of your design. Discuss ways that you controlled your experiment and how you ensured the reliability of results.
- In the final paragraph, provide your results, how you arrived at them (include formulas and calculations) and how they compared with the results of other classmates. Include a data table. Explain any anomalies. Could your procedures be replicated in the field? Explain.