



THE SOUTH POLE EXPERIMENT CONTEST

joining science exploration in antarctica

Registration Form

This is not the final registration form. This copy is provided to participants to prepare all the information needed for the submission. Use the online form to submit your experiment by the end of the day on November 10, 2017. If you have any questions, please write to [SPexperiment at icecube.wisc.edu](mailto:SPexperiment@icecube.wisc.edu).

START

Experiment title: *

School name: *

List all students on the team: *

(Use last name(s), first name, separating students with a semicolon. E.g., Brown, Jan; Cross, Chris; Dunn, Beth.)

List all birth years of the students on the team: *

(Use year 1, year 2, ...)

List at least one teacher supervising a team: *

(Use last name(s), first name.)

School address and phone number: *

Contact information of supervising teacher: *

(E-mail and phone number)

LAB REPORT

Let's focus first on the experiment that you have run in your hometown.

Research question: *

Summary: *

(Summarize your experience, including the results.)

Hypotheses: *

(What did you think was going to happen? Why?)

Materials: *

(What resources did you need to perform the experiment?)

Experimental design: *

(Describe your setup; you can also submit a graphic, a drawing, or other files at the end of this form.)

Steps to perform the experiment: *

(Describe how you performed the experiment in your hometown location; explain how you took care of safety and security; be as precise as possible to make sure that your experiment can be performed by a person who is not part of your team.)

Data: *

(What measurements did you make? Provide the results of what happened when you ran the experiment in your hometown.)

Discussion: *

(What happened when you performed your experiment?)

Conclusion: *

(What is the answer to your research question? What results support this answer?)

References: *

(List where you found useful information that you used to prepare this project.)

LAB REPORT CONT.

Now let's think about the South Pole.

Elaborate on what would be different if we could run your experiment at the South Pole. You can complement this information by submitting graphics, images, and other files at the end of this form if needed.

Think about: What would happen if you ran your experiment at the South Pole? Do you need to make changes in the experimental design? Anything different in the steps to perform the experiment? Can you explain why your experiment would give a different outcome, or why you would need to change the setup or the steps to perform the experiment? Can you simulate what your data would look like? Try to reproduce the tables or graphics that you used when you ran the experiment in your hometown, but now simulating data taken at the South Pole.

Running experiment at the South Pole: *