Grant proposal application for Grade 5 science and science career projects

\* Required

1. Email address \*

Your answer:

2. Name \*

Give your complete name, or if more than one person, list the names of all participating students

Your answer:

Create a code which we will use when needed to conceal your identity. Your code should be created as follows:

Date and month of your birth followed by the first 3 letters of your mother’s maiden last name (e.g., someone born on September 25 whose mother’s maiden last name began “ert” would be coded “2509ert”).

Your code:

3. Are you a teacher or a group of students? \*

Check one. You must be a grade 5 teacher, a science specialist that includes teaching grade 5, or a group of grade 5 students whose teacher/adviser meets those qualifications to apply for these grants.

[ ] Grade 5 Teacher

[ ] Grade 5 group of students

[ ] Other:

School \*

Give the name of the school and its address. If you are a group of students, also give your teacher's name. If you are a group of students, also give your teacher's name.

Your answer:

Purpose

Purpose \*

Describe the educational purpose of the project, such as organisms or ecosystems, STEM careers, science process activities, science communication, or other science related activity. Projects that involve student-centered groups such as a student "STEM Club," or place-based learning activities at the BIA or in your neighborhood are especially encouraged. (up to half a page [2500 characters] in length)

Your answer

Type in this space, as needed, up to 2,500 characters (but could be much shorter)

Background

Background on your organism, ecosystem, STEM career, etc. \*

Provide information about the species, ecosystem, or STEM career on which this project will focus. BIA educators can provide suggestions (up to one page [5000 characters] in length)

Your answer

Type in this space and more, as needed, up to 2,500 characters (but could be much shorter)

Plan

Plan of activities and outputs \*

Describe the activities that students will do through which they will learn about the natural world (science facts and concepts), the methods for studying it (science process and math), the people who study it (science careers), the people who use science for their work (scientists, engineers, health care workers), and the people who benefit from its results (consumers). For more information about what projects could involve, see the web pages at [www.BIAquariumSTEM.org](http://www.BIAquariumSTEM.org). The project should culminate in materials that can be presented at the BIA in a “DPSCD Day at the BIA,” if at all possible (up to three pages [15,000 characters] in length, but could be much shorter)

Your answer:

Budget

List of purchases and justification \*

List the items that you will purchase, their cost, and justification. Provide a total for the items you list, totaling no more than $500. The budget may include equipment and supplies, such as aquarium or terrarium tanks and pumps; collecting nets, bottles, and disposable gloves; purchasing or maintaining plants, fish, or other organisms; inexpensive microscopes, magnifying lenses that fit on cell phones; art supplies, and so on. For more expensive items, provide an itemized expected cost; general supplies may be listed in categories with total expected total expenditures (e.g., aquarium supplies , $75; art supplies, $50; etc.). BIA staff can advise on sources and costs. Provide the itemized list and then a short justification for each item and general category. (total length, up to one page [5000 characters]).

Your answer:

Commitment

Do you agree to participate in a " DPSCD day at the BIA" in which the results of student projects will be presented to the public? \*

Student applicants or teacher on behalf of the students who will be involved in the project must agree to present the results of the project at a "BIA DPSCD Grand Opening Event" if at all possible. If you think it won’t be possible, explain why. The event will be an opportunity for students to be a "docent for a day" (actually a much shorter time) to present the results of their project to the public. To be awarded a grant, this question must be answered "yes."

[ ] Yes

[ ] No

If your answer is “No,” explain why:

Assessment

Provide a plan to assess the impact on students \*

This section must be completed by the teacher supervising the project. Provide a plan to assess the impact of the proposed project on students. (up to half a page [2500 characters] in length)

Your answer

Endorsement and Certification

I agree to supervise this project as described \*

By entering your name and the date below, you endorse this project (if submitted by a group of students) and certify that it will be carried out with your supervision to the greatest extent possible, as described in the above proposal.

Your signature: Date: