



## School of Ice Workshop Participant Product Requirements Implementing Ice Core Data in Undergraduate Courses

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### Important due dates and deadlines

Due Dates/Deadlines	Action Items	Notes
July 25, 2024	Workshop Summary	
August 23, 2024	Plan of Action	
December 1, 2024	Two Curriculum Lessons/Labs	Upload your documents separately to your <a href="#">Google Folder</a>

Contact Louise if you have any questions or would like to schedule a zoom meeting to discuss privately.  
([Louise.t.huffman@dartmouth.edu](mailto:Louise.t.huffman@dartmouth.edu))

### IMPORTANT:

- You will use **this document** for submitting two of the four School of Ice products: 1) Workshop Summary; 2) Plan of Action
- Your two curriculum lessons/labs will be uploaded into your folder separately when they are completed
- Use Google Docs to **duplicate and rename** this file in this format: “Last name\_Plan of Action and Summary” **and then move it to YOUR [Google Folder](#).**
- **As you complete each of the three requirements, update the action item by clicking on that item next to your name in this [Google Document](#).**

### WORKSHOP SUMMARY DIRECTIONS: DUE July 25, 2024

In this box, write a couple of paragraphs (less than a page) summarizing the most impactful things from your workshop experience. What are your significant “take-aways?” What will you use and how will you use it?

### PLAN OF ACTION DIRECTIONS: DUE August 23, 2024

- If your “Plan of Action” incorporates more than one course, make another copy of this document and submit with the file name “Last name\_Plan of Action-2”
- Upload Plan of Action to your folder at this link: [Google Folder](#)

Your finished “Plan of Action” should be a “roadmap” for incorporating ice core science into your course(s). In your science notebook, as the workshop progresses, write down notes and ideas of ways that you may incorporate the material being presented into your own course/s and curriculum. These notes should make it easier to construct your actual “Plan of Action” after the School of Ice is complete.



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Following is a basic outline for your Plan of Action. You can elaborate and add other things that will help make your plan more useful for you. If your institution has a specific lesson plan form, feel free to write/change your Plan of Action to a format that will best help you achieve its goals.

You can add columns and/or rows to the following template as needed by using a right click (PC) or control click (mac).

Name:

Institution:

Date:

### Description of the Course in which your Plan of Action will be implemented:

Name of course	
Type of course	
Semester taught	
New or revised	
Expected enrollment	
Level of students	
Science major or non-science major students?	
Describe your planned scale of implementation? (individual lesson, unit, entire course etc.)	

### Describe the desired outcomes of your Action Plan Implementation

(Please include specific student-centered behavioral objectives.)

<p><b>Ice Science Focused Plan of Action Objectives</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
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### School of Ice Resources Incorporated

Please share the lessons, labs, field trips, speakers and activities from the School of Ice that will be incorporated into your Plan of Action Lessons. (right or control click to add more rows as necessary)

<p><b>School of Ice Resource</b> (Lessons, labs, field trips, speakers, activities etc.)</p>	<p><b>Planned adaptations to meet the needs of your students and classroom.</b></p>
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# School of Ice Workshop Participant Product Requirements

## Implementing Ice Core Data in Undergraduate Courses


### Materials and equipment needed for Plan of Action Implementation

Materials and equipment that I/our school already has in place	Materials and equipment that I/our school will need to order to successfully implement lessons planned.
<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> <li>•</li> </ul>

**Future Goals:** Describe, if any, new courses you are hoping to create in the future that will incorporate Ice Science.

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### Broader Impacts:

How will you use School of Ice to encourage minority student participation in STEM courses and careers?	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
How will you share your new knowledge with audiences other than your students? (community, local schools, colleagues, state, national, international conferences?)	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

**Action Items and Schedule of Completion:** when these plans will be implemented and how you will make time to develop your lesson plans in the fall semester. identify deadlines of when you anticipate lessons being completed, when activities will be incorporated into existing courses, when new courses will be developed, etc.

Targeted Schedule of Completion	My Planned Action Items
After completing the School of Ice and before the fall term starts	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
During the fall semester/term	<ul style="list-style-type: none"> <li>•</li> </ul>



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	<ul style="list-style-type: none"><li>•</li><li>•</li></ul>
During the spring semester/term	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>
Long-term planned action items	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>

## TWO CURRICULUM LESSONS/LABS DIRECTIONS: DUE December 1, 2024

Create or adapt two lessons or labs that you plan to use in your courses.

- Include **all directions and materials** necessary for other teachers to implement in their classrooms.
- At the **top of each plan** include: **1) your name; 2) institution; 3) date; 4) title of the lesson/lab**
- Make a copy of each of your lessons. Each lesson/lab will be uploaded to your [Google folder](#) separately with the name: **"Last name\_Lesson 1 (or2)\_Title of your Lab"**
- **Each lesson should also be linked to the "Live Agenda Shared Resources" page at the end of the Live Agenda.**
- You may use any lesson plan format that works in your teaching situation. **An example of items to include:**
  - **Short description of Activity**
  - **Key Concepts**
  - **Background**
  - **Time Needed for the activity**
  - **Materials**
  - **Detailed Procedure for Teaching the Lesson**
  - **Evaluation**
  - **Homework or additional student readings**
  - **References**



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