

Compute-to-Learn Workshop



Session 2: Implementing C2L At Various Types of Institutions

<u>Discussion Activity I: Using C2L in Your Own Course</u>

1.	1. Think through the following questions on your own. (10 min)	
	a.	In what courses do you plan to implement C2L?
	b.	What opportunities do you think C2L will provide for your students within the context of these courses?
	C.	What challenges may arise for your students if you implement C2L in your courses? (e.g, based on the context of the course, institution, or the pedagogy itself)
	d.	What challenges may arise for <i>you</i> while implementing the C2L in your courses?
	e.	Consider the way that we adapted the C2L pedagogy for a liberal arts institution. What types of adaptations do you think may be helpful for you in order to implement C2L in your courses?
	f.	How can the C2L community assist you in implementing C2L in your courses?

2.	Share your answers with your group. Record and discuss any common themes or questions that arise, as well as any differences you note (e.g., due to institution type, discipline, etc.). (15 min	
3.	Share the themes and questions from your small group discussions with the larger group. (15 min)	
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Discussion Activity II: Developing Materials for Your Own Course

- 1. Read over the example prompts for demos in a physical chemistry course. You may also take a look at other demos on the Wolfram Demonstrations website that correspond to topics in your own course. (10 min)
- 2. Come up with a list of topics that would be useful to demonstrate in your own courses. This list may be based on learning objectives that you hope the demonstrations would enable students to achieve. (15 min)

Guiding Questions

- What are some challenging learning objectives for your students to achieve?
- What are some course topics that would benefit from having a visual aid?
- What are the variables that could be manipulated to demonstrate the topic or objective?

List of potential prompt topics:

Questions or concerns about your list of potential prompt topics:				
3. Within the larger group, share ideas, questions, and concerns regarding your topics and potential prompts. (15 min)				

