

Collaborative Learning Techniques¹ (CoLTs) and Learning Assessment Techniques² (LATs)

We will be using CoLT 11 – Jigsaw – to learn about and develop implementation plans for 5 CoLTs and LATs. The key steps in this process are:

1. Before Session 4 – everyone will become a quick expert on a CoLT or LAT as assigned in the rows below. Descriptions of each method are available in your welcome packets. After reading the description you should be able to:
 - 1) Describe the method
 - Explain what the instructor does
 - Explain what the students do
 - Describe a strength of this method
 - Describe a concern you would have implementing this method
 - 2) Summarize an example or variation you found particularly applicable
 - 3) Provide an example implementation plan of how this method could be used to help students better understand the topic you are focused on in this workshop*
 - Describe the topic and learning objective
 - Describe the instructions / support students would receive
 - Describe the responses you would expect from students

		Topic Teams				
		1- Aldehydes and Ketones	2-Alkenes	3-Aromatic Substitutions	4-Carb Acid Derivatives	5-Spectroscopy
Expert Teams	CoLT 16 Struct Prblm Solv	Animesh A	Stephanie B	Jennifer C	Kristen B	Sean C
	CoLT 25 Round Table	Anthony A	Suresh E	Sachin N	Matt L	Christine H
	LAT 17 TAPPs	Brandon Q	Ami J	Raul RB	Margaret LE	Stephen L
	LAT 21 Knowledge Grid	Ian R	Carl J	Brian W	Austin S	
	LAT 23 Concept Maps	Danielle J	Davis O		Wildeliz T	Alyssa P

2. Expert Teams (20 min) – The first thing we will do in Session 4 is meet in Expert Teams.
 - Discuss questions you have about the method
 - Develop a shared description of the method that you can present in 2-3 minutes
 - Share and revise your implementation plans

¹ Barkley, E.F.; Cross, K.P.; Major, C.H. *Collaborative Learning Techniques*, 2nd ed.; Jossey-Bass: San Francisco, CA, 2014.

² Barkley, E.F. and Major, C.H. *Learning Assessment Techniques*, 1st ed.; Jossey-Bass: San Francisco, CA, 2016.

* Bring this draft implementation plan with you to Session 4

3. Topic Teams (30 min) – describe your method to the other members of your Topic Team and provide your implementation plan in about 5 minutes. Your topic teammates will do the same for their method.
4. Expert Teams (20 min) – discuss observations from meetings with Topic Teams
 - Revise the method description if needed
 - Discuss your implementation plans further
 - Revise your implementation plan
 - Post your method description and implementation plan to *CoLTs and LATs Implementation Plans* (link available on Moodle and OrganicERs.org).