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ACTIVE LEARNING



Northeastern University
*Center for Advancing Teaching and Learning
Through Research*

Active Learning Techniques for Deep Learning

DOING SOMETHING with course material is essential for learning and the “visible thinking” it produces can give the instructor valuable feedback on student progress.

There are many ways to introduce active learning in your class--different techniques are effective for different purposes, can be used by individuals or groups, and require different levels of preparation.

Here is an overview of several popular active learning techniques, followed by descriptions of how they can work with and without the use of technology.

OVERVIEW OF TECHNIQUES:

	TECHNIQUE	GOOD FOR:	FORMAT	PREP TIME
1	“Warm Calling”	<ul style="list-style-type: none">Thoughtful Q&A	Individuals	Low
2	Think-Pair-Share	<ul style="list-style-type: none">Thoughtful Q&APeer instruction	Individuals + Groups	Low
3	Visible Quiz	<ul style="list-style-type: none">Thoughtful Q&AComprehension check	Individuals + Groups	Low
4	Concept Maps	<ul style="list-style-type: none">Comprehension checkPeer instruction	Individuals + Groups	Low
5	Informal Writing	<ul style="list-style-type: none">Comprehension checkPeer instruction	Individuals + Groups	Low
6	Gallery Walk	<ul style="list-style-type: none">Comprehension checkPeer instruction	Individuals + Groups	Medium
7	Jigsaw	<ul style="list-style-type: none">Self-directed learningPeer instruction	Groups	Medium
8	Debates	<ul style="list-style-type: none">Self-directed learningPeer instruction	Groups	Medium
9	Team Based Learning	<ul style="list-style-type: none">Student accountability“Flipping” the class	Groups	High

