

### Behavioral Engagement Observation Instrument (BEOI)

Deslauriers, L., Schelew, E. & Wieman, C. (2011). Improved learning in a large-enrollment physics class, *Science*, 332(6031), 862-864.

Observed lessons into nine, five-minute intervals. For each of the students selected by each observer, the nature of the observed behavior during the five-minute interval was documented with respect to four a priori categories of on-task behavior and five categories of off-task behavior

On Task:	Off task:	Other Observations:
N1: Listening/Attending to Teacher	F1: Passive, inattentive	
N2 Taking Notes	F2 Completing work for other classes or subjects	
N3 Speaking to Teacher or Other students about Lesson related tasks	F3 Speaking to others about non-mathematical topics or activities	
N4 Completing mathematics problems or other lesson-related, hands-on activities	F4 Disruptive behavior.	
	F5 Completing tasks unrelated to classroom lesson (e.g., texting)	

Inter-rater reliability = 0.78