

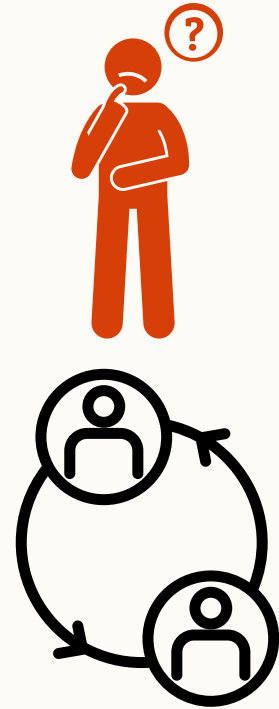
# INTERACTIVE LECTURING: A FRAMEWORK FOR ACTIVE LEARNING

## What It Is

Engaging presentations are interspersed with a sequence of active learning activities to engage students and promote learning success.

## How it Works

- Be [inclusive](#) in your teaching.
- Kick off lectures with an opening bookend, [the first 5 minutes of class](#), in form of a quiz, a quick prediction activity, a provocative question or a [naïve task](#).
- Implement engaging presentations. Provide students with [guided notes](#) to stimulate active listening.
- Break up lecture into segments.
- Use [interactive techniques](#) between segments to help students apply what they have just learned.
- Wrap the lecture with a closing bookend; revisit opening bookend activities, [the last 5 minutes of class](#), or implement a [hotwash](#).



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## Evidence

Interactive lecturing exemplifies evidence-based practices of active learning:

- A [meta-analysis](#) by Freeman et al. (2014) indicated improvement of student performance in active learning classes.
- Researchers at the University of Washington reported that switching from traditional lecture methods to [active learning](#) narrowed the achievement gaps of underrepresented students in STEM classes.
- [Chunking](#) learning content helps to facilitate transfer from working memory to long-term memory.

