Worksheets (Lecture Tutorials)

What it is:
Short worksheets aimed at reducing misconceptions or working through difficult concepts that students complete in groups in class.

Implementation:
• Give a short, introductory lecture.

• Students pair up and complete a worksheet (instructors can create their own worksheets or use Lecture Tutorials in a published workbook).

• Briefly review select questions. Collecting the worksheets is optional.

The worksheet should:
• Address topics with which students have difficulties.

• Require mid- to high-level thinking.

Lecture Tutorials have been shown to:
• Increase student learning
• Reduce misconceptions
• Promote interaction
• Provide prompt feedback
• Create a positive response in students

Directions to create your own:
Lecture Tutorial module:
http://serc.carleton.edu/sp/library/lecture_tutorials/index.html

Example

References


Designed by Rachel Beane, Bowdoin College
On the Cutting Edge project