Introductory Physics at Smith: Interactive and twice as cool!

CO-ordinated Observations and Lectures in a COlaboratively Oriented Learning environment = COOL + COOL = 2 COOL!

Our environment for active learning:

• Students actively participate in discussions
• Group problem solving, discussion, and hands-on experiments are interwoven into every class, with no stand alone labs out of sync with your classes
• Students spend time at the whiteboards working out problems in groups, getting immediate feedback from their instructor and student learning assistants (LA’s)
• Lectures are kept as short as possible, with plenty of opportunity for feedback

A traditional lecture with little student interaction

If you want to learn/retain physics and develop critical thinking skills, active learning has been shown to be far more effective at accomplishing these goals compared to the traditional classroom