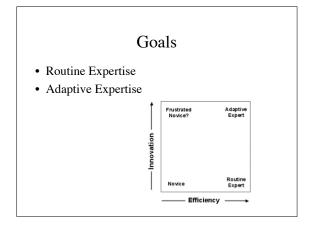
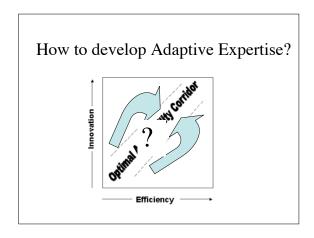
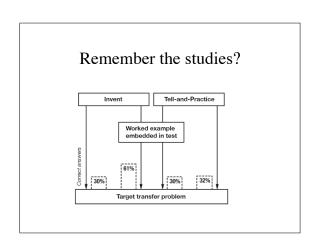
Physics 4810 / 7810 Week 13 (lucky!) Day 24: Fa2008: Transfer Preparation for Future Learning Oscillations Quick Feedback on Projects - howzit? - impressive work!!!







??

Let's look at the activities

Go through the two activities

- I) What would common student responses be?
- II) Compare the differences KEY THEMES:
 - Invention
 - What is being "PREPARED"
 - Concrete vs. Abstract
 - Who is doing what (agency)

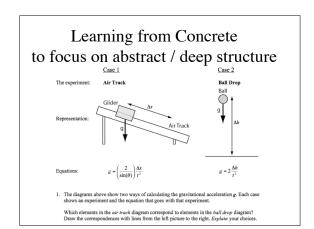
The How of Transfer: Concrete vs Abstract

Surprising, students are more likely to transfer if examples are abstract. Would have thought otherwise. The paper keeps mentioning that surface features get in the way of transfer. I can think of some reasons, but I would like some explanation based on research, if it's out there.

The paper claims, research claims that students are more likely to transfer if instructional examples are abstract and relatively free of surface details. This seems to contradict our earlier claim that putting science in a real world context enhances student learning.

Careful . . .

• As with many things in Education... It Depends



Where to work on change in the educational system

Referring to your third point, it's hard to change the way students think about problems and studying so late in the game. We've made some remarkable strides, but if we apply these lessons earlier on, our students will be much more prepared and come to college as thinkers and problem solvers.

Happy Thanksgiving

Enjoy (the) Turkey