Peer Instruction and the Flipped Classroom



VE

Talking about Teaching at Leeds University Leeds University Webinar Cambridge, MA, November 18, 2013

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Think of something you are good at



Think of something you are good at

How did you become good at this?









education











What happens in a lecture?











some people talk in their sleep

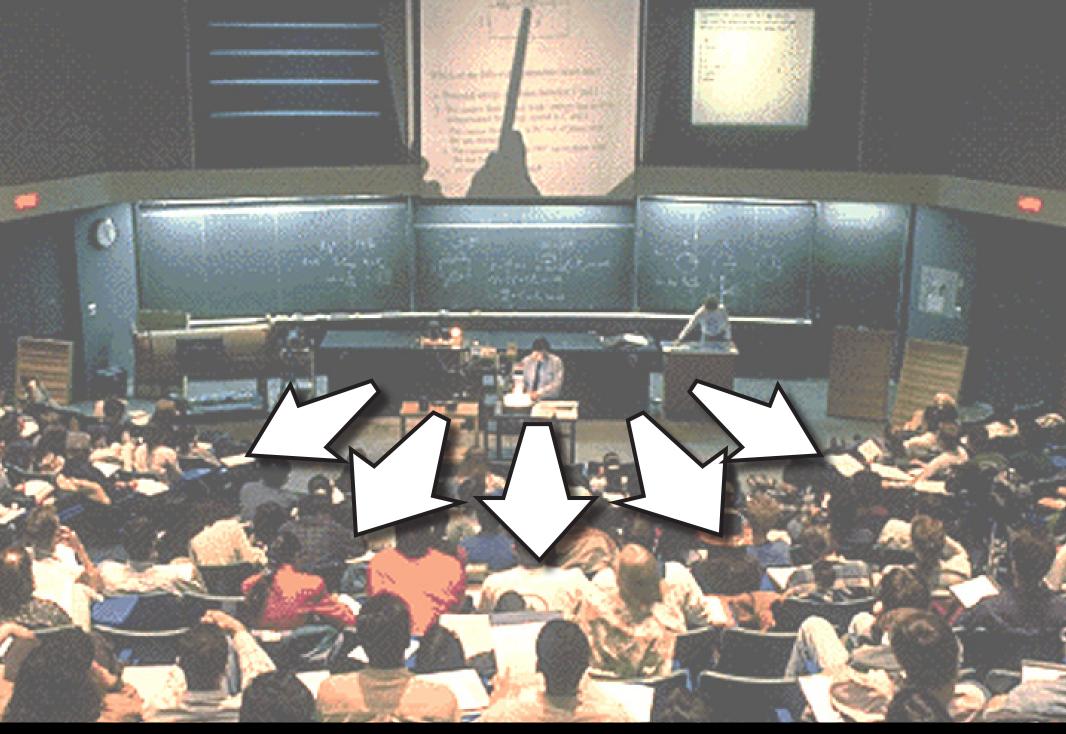
lecturers talk while other people are sleeping

(Albert Camus)



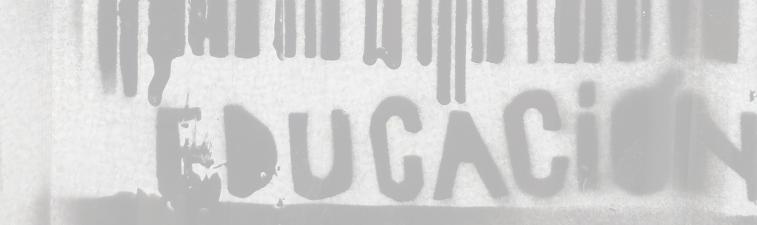






















education



1. transfer of information







1. transfer of information

2. assimilation of that information





1. transfer of information (in class)

2. assimilation of that information





1. transfer of information (in class)

2. assimilation of that information (out of class)





Should focus on THIS!

1. transfer of information (I)

2. assimilation of that information (out of class)





1. transfer of information (in class)

2. assimilation of that information (out of class)





1. transfer of information (out of class)

2. assimilation of that information (in class)



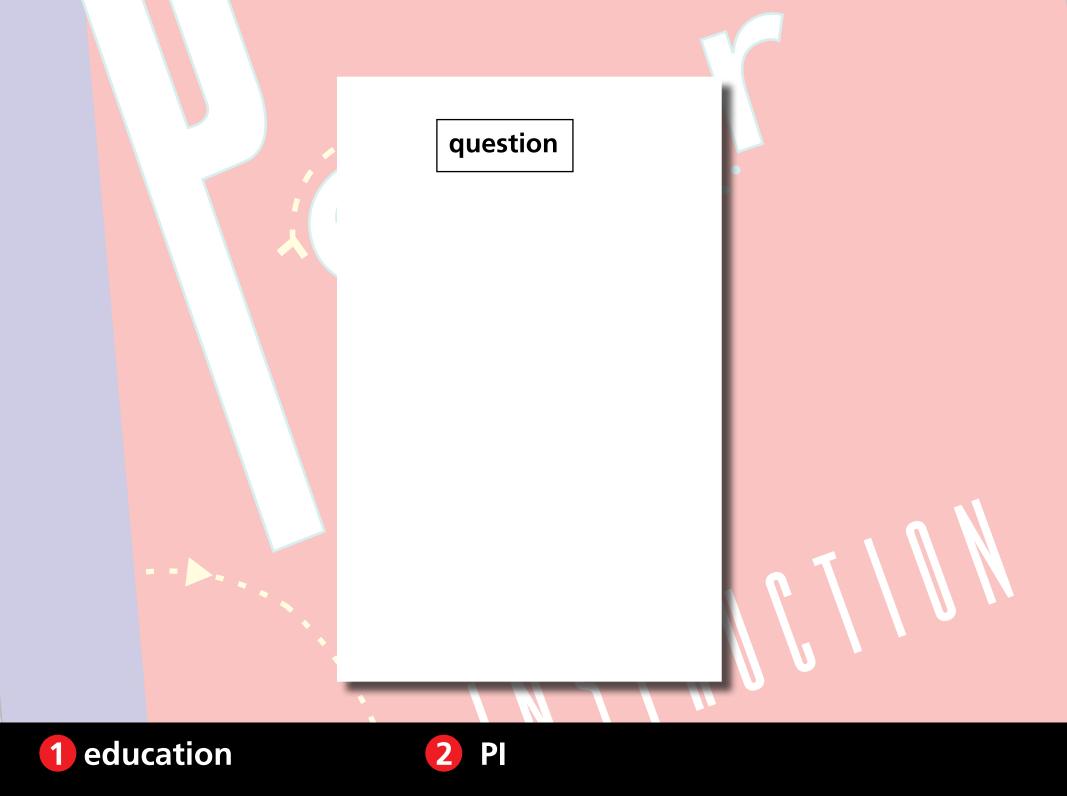


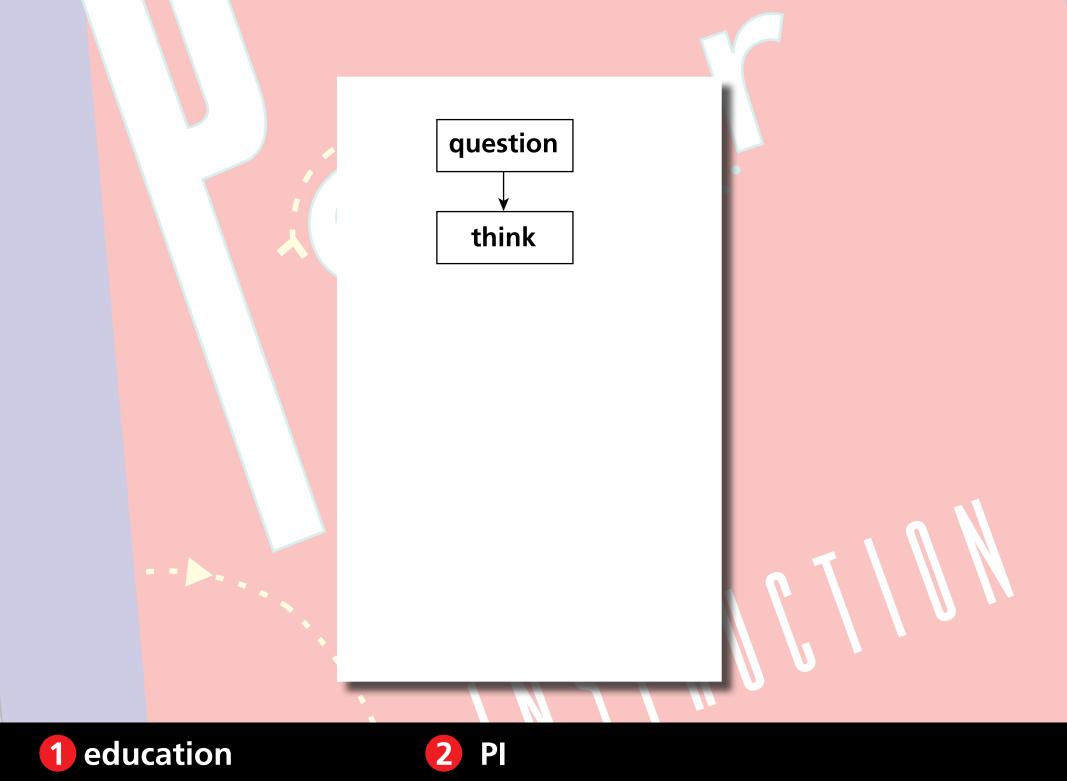
1. transfer of information (out of class)

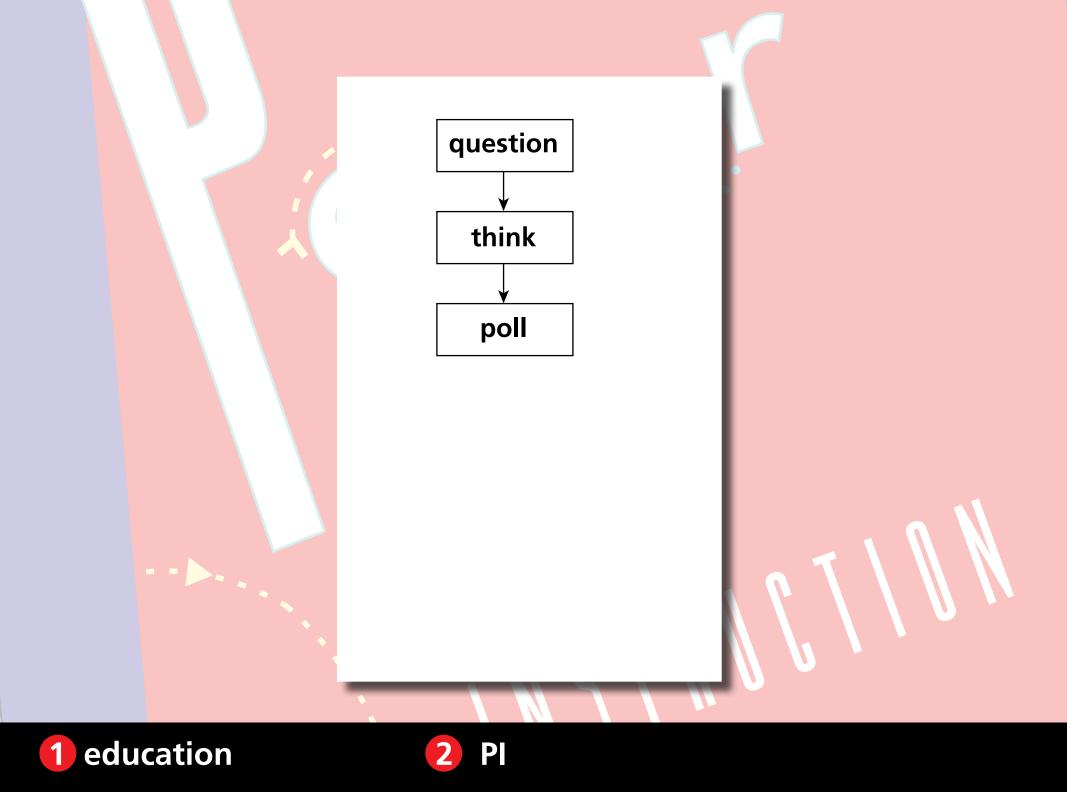
2. assimilation of that information (in class)

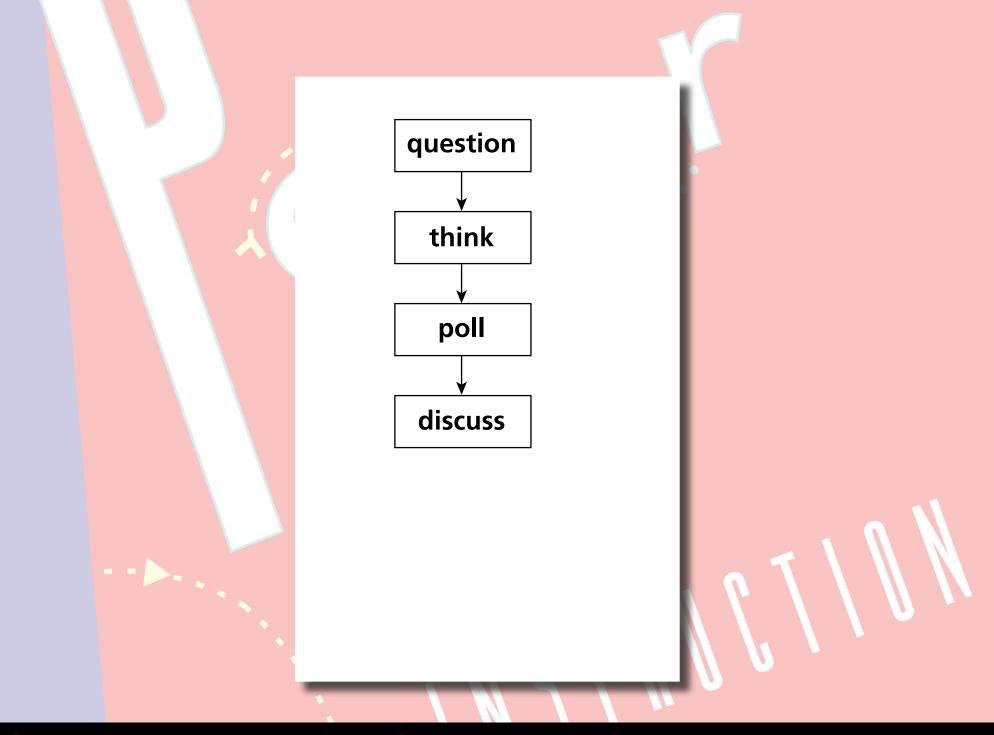






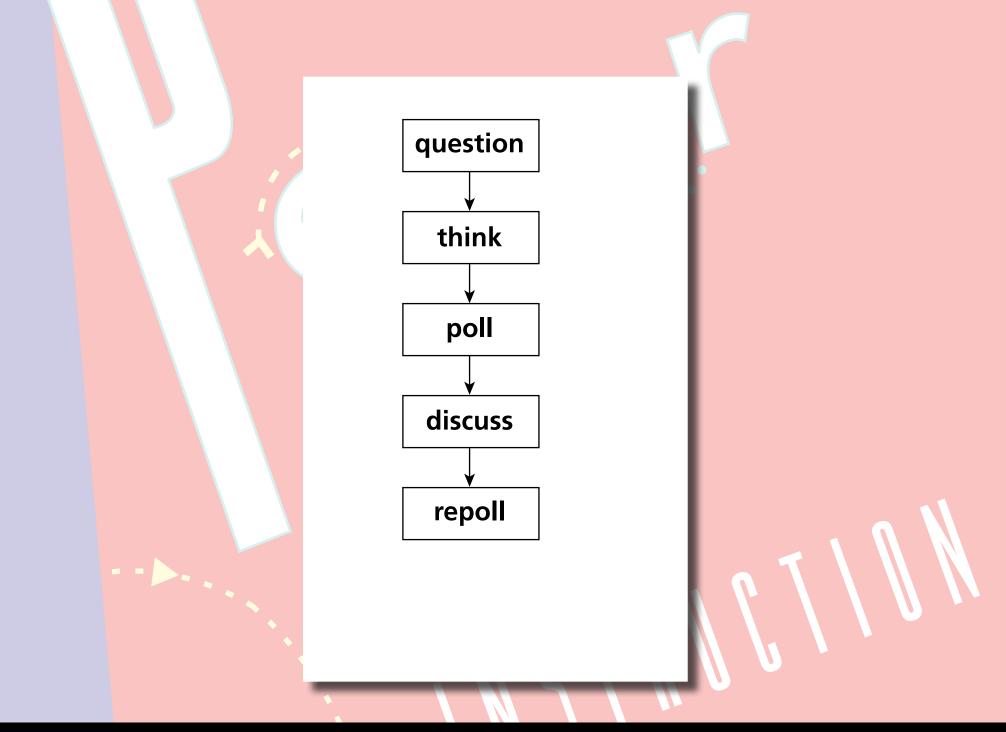






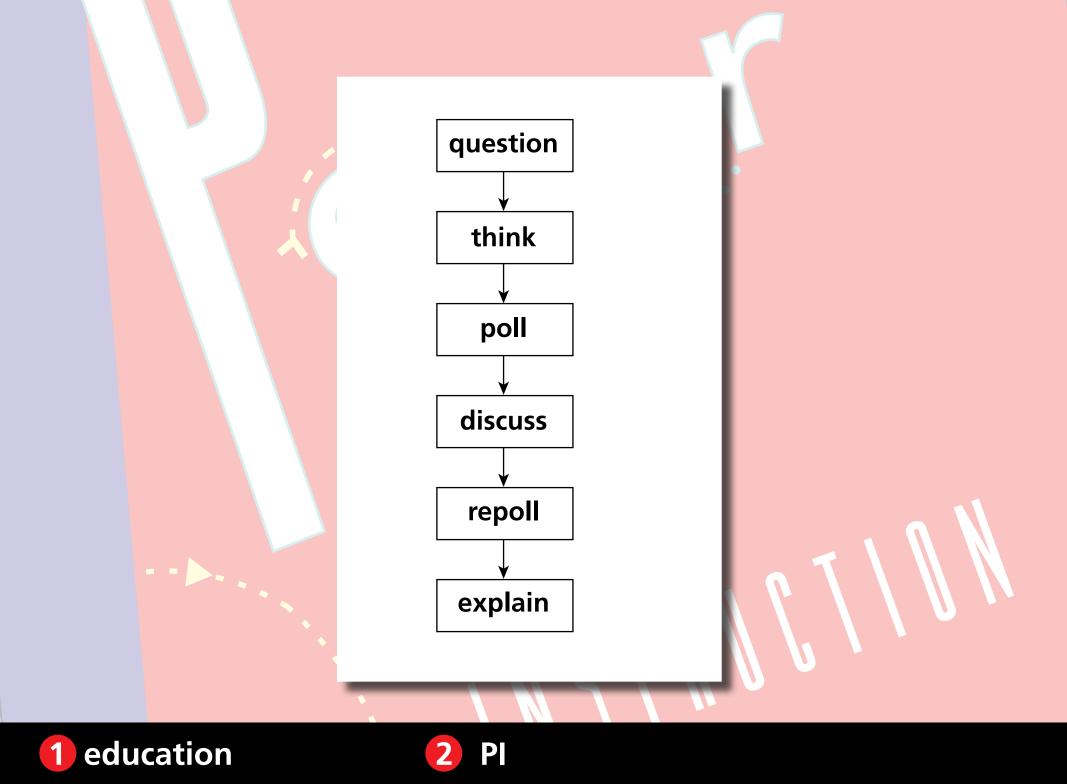


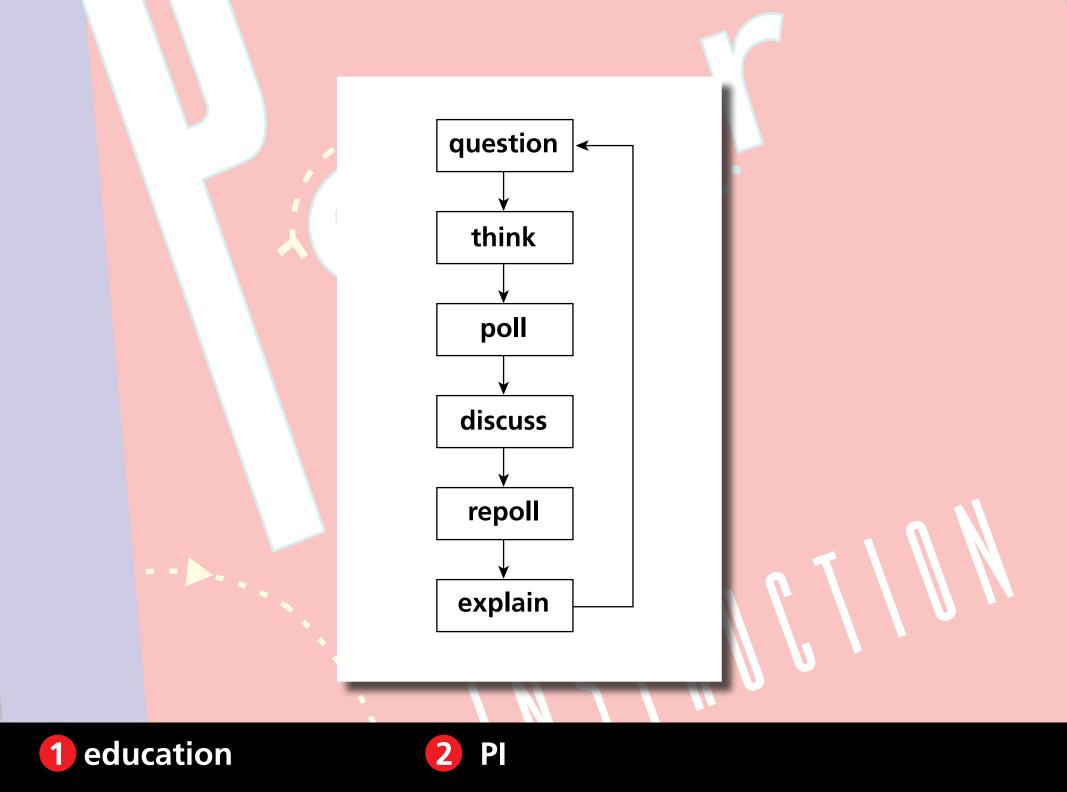


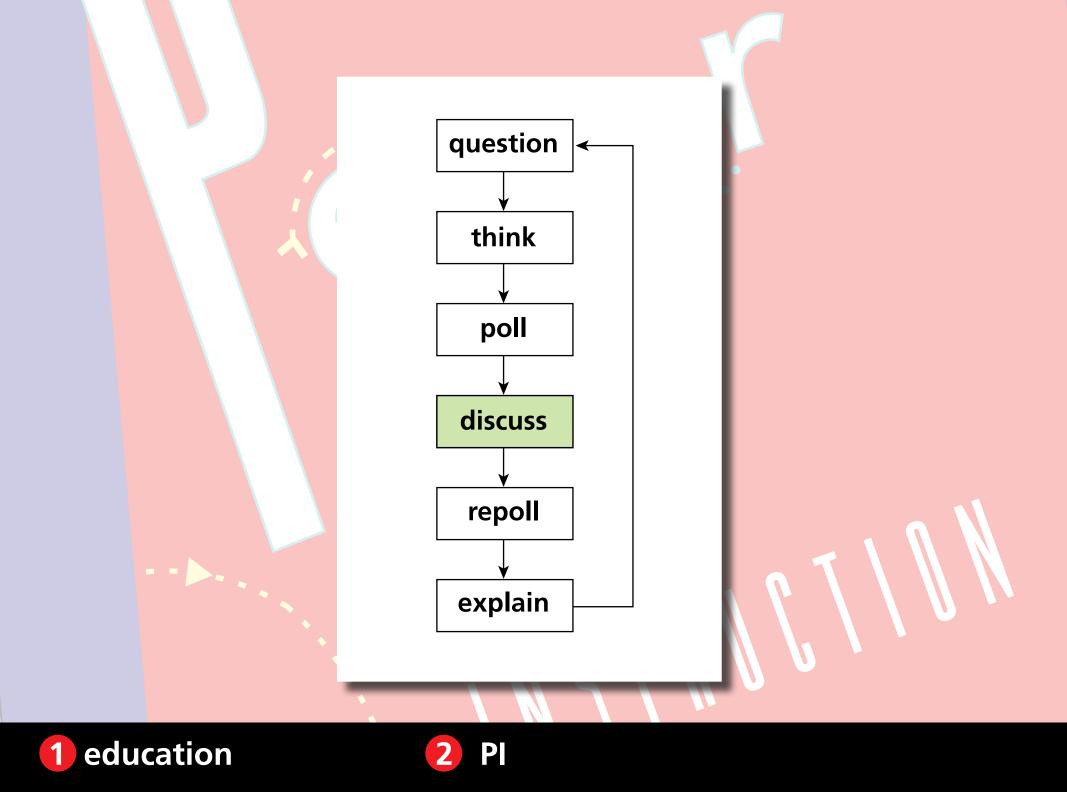










































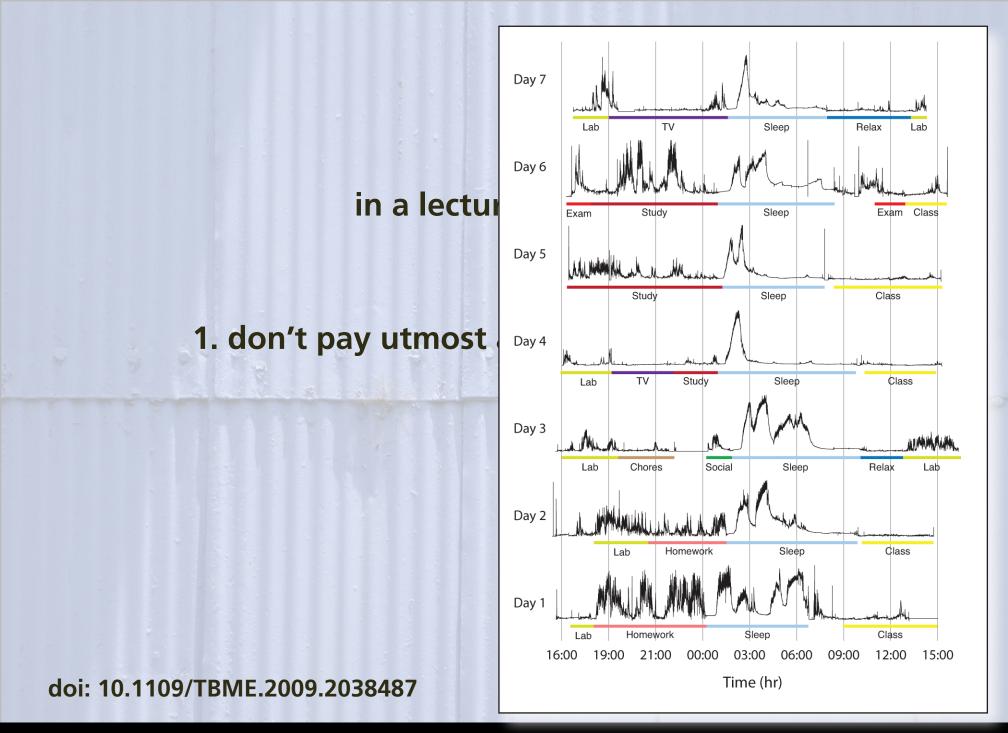


1. don't pay utmost attention



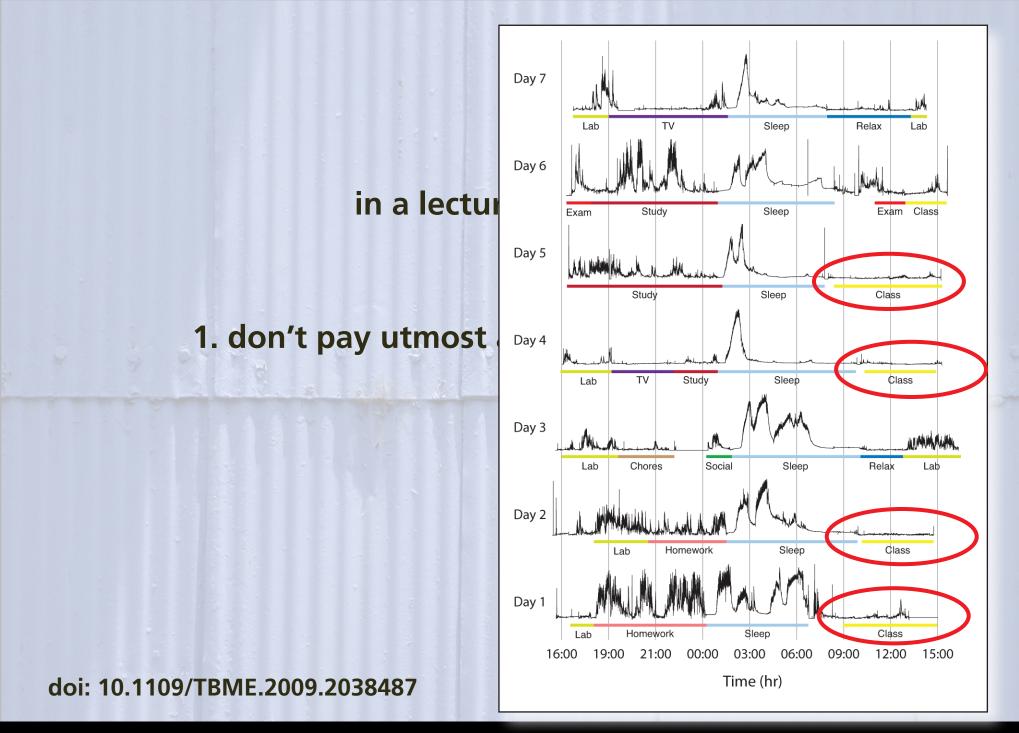






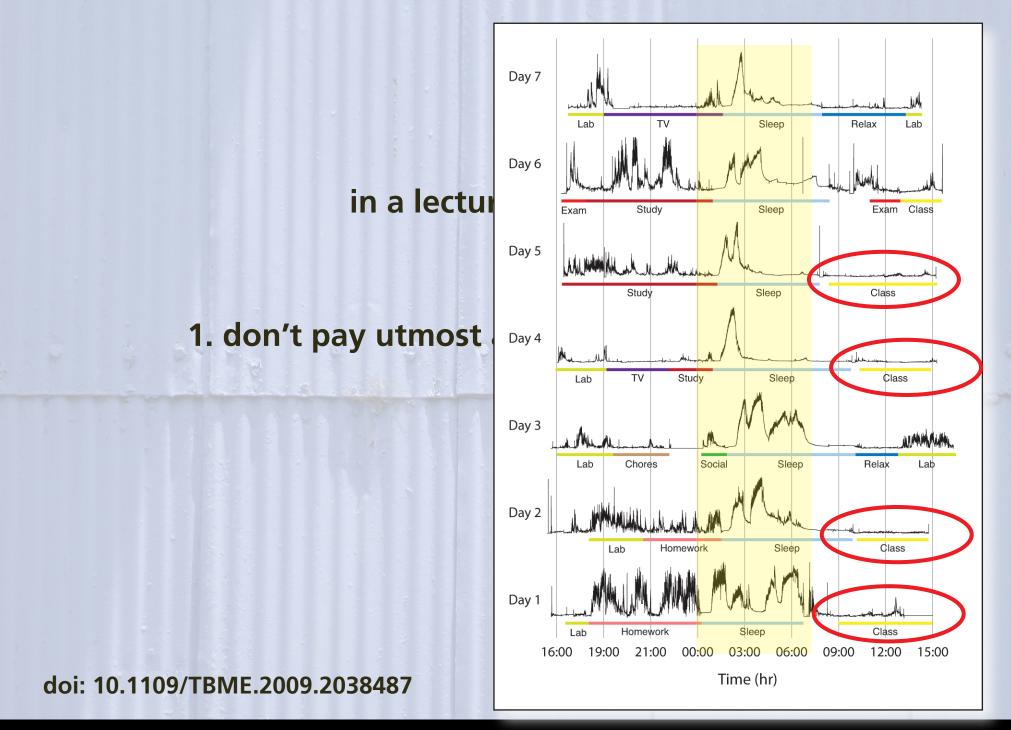






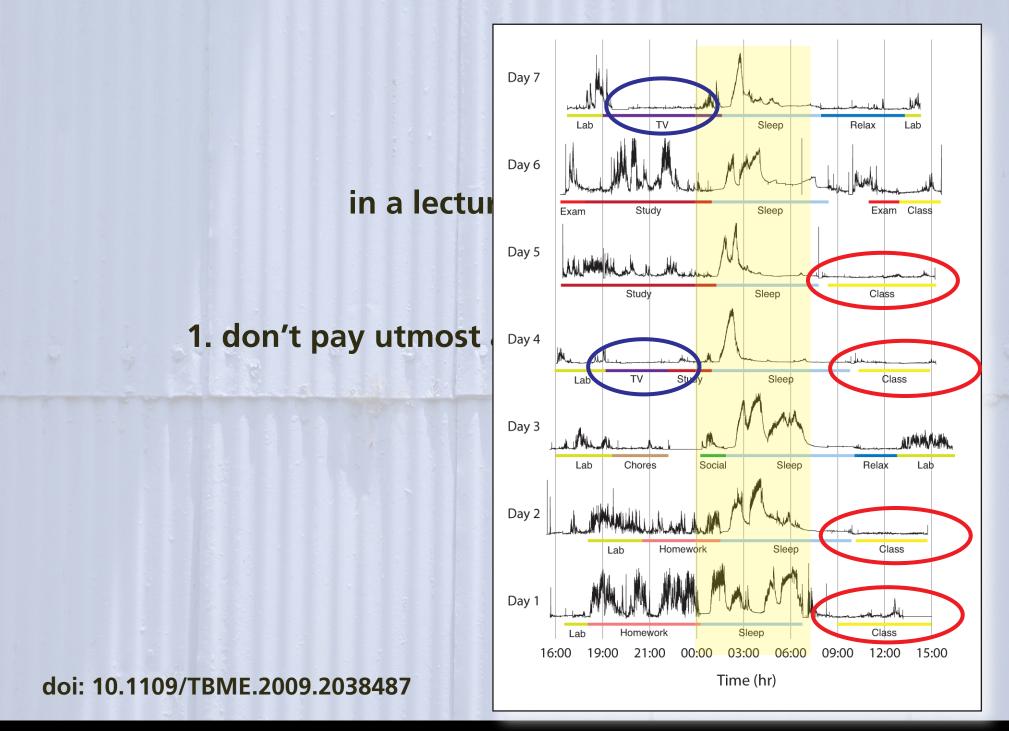
















1. don't pay utmost attention

2. think they know it







1. don't pay utmost attention

2. think they know it

3. are not confronted with misconceptions







Sector 1 1. don't pay utmost attention

2. think they know

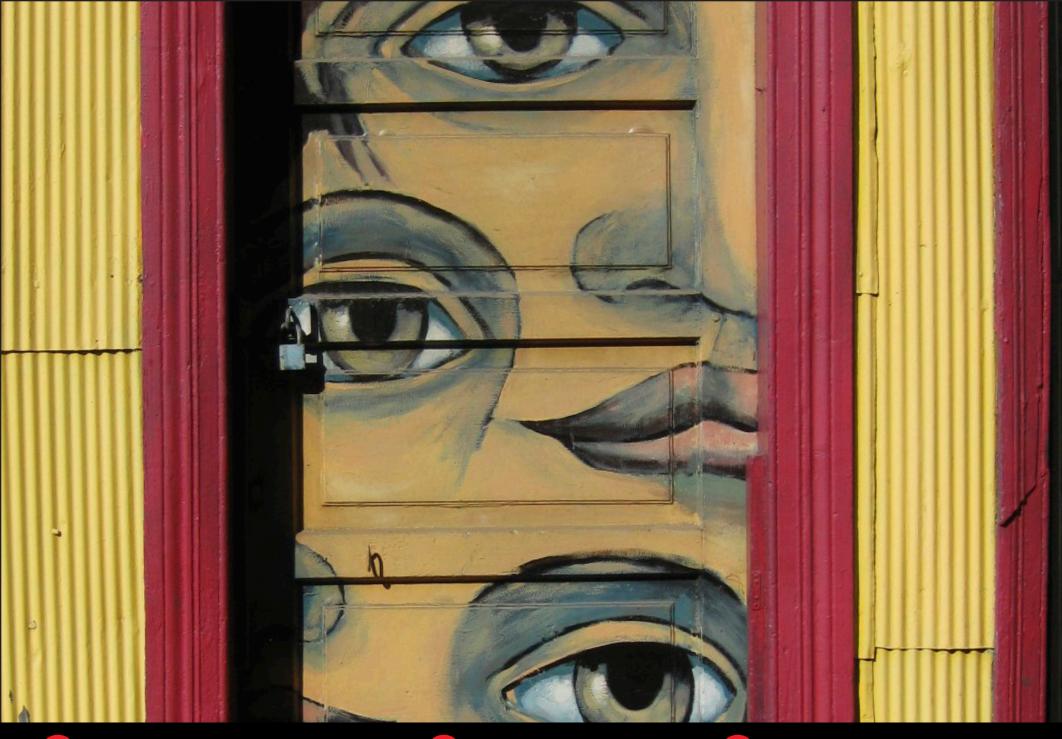
onted with misconceptions

in a lecture, students...















an illusion...







Education is not just about:

- transferring information
- getting students to do what we do







Education is not just about:

- transferring information
- getting students to do what we do

active participation a must!









PeerInstruction.net

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National Science Foundation

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