Confessions of a converted lecturer





Confessions of a converted lecturer





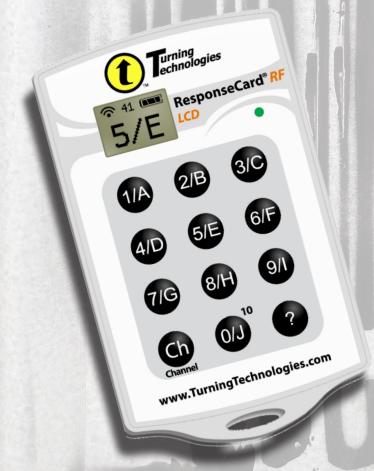


• no ON/OFF button

only last "click" counts

display shows recorded answer

www.TurningTechnologies.com



Or use your web-enabled device!

go to http://rwpoll.com

enter session ID: EMAZUR

www.TurningTechnologies.com





Think of something you are good at

Think of something you are good at How did you become good at this?



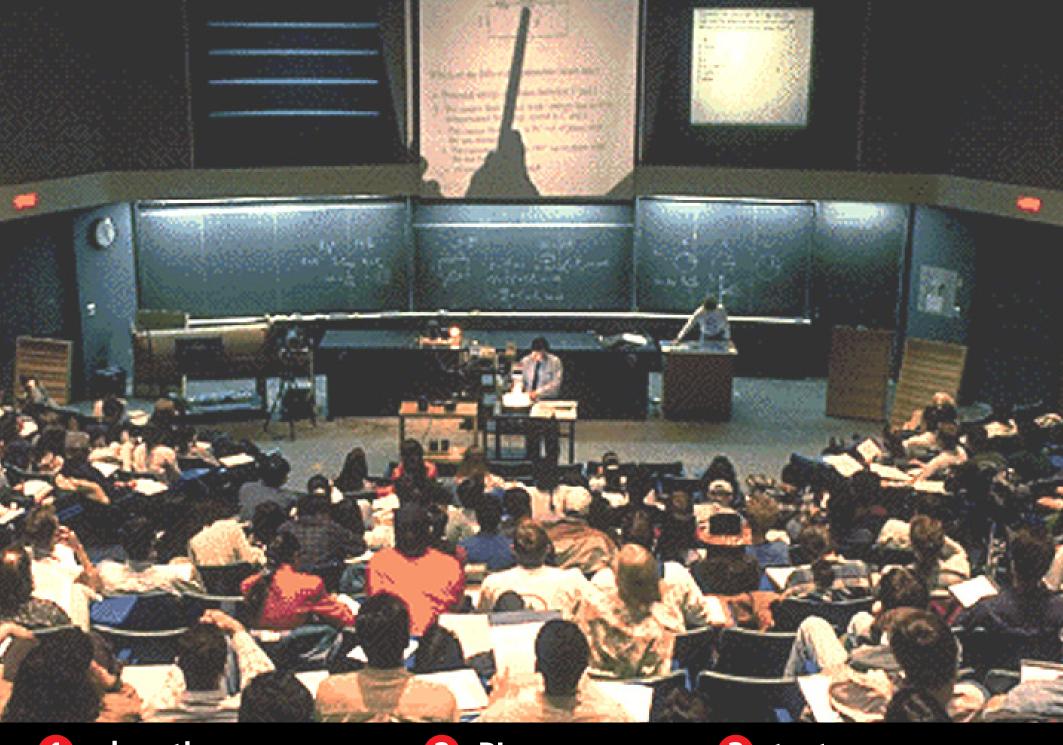
- 1. trial and error
- 2. lectures
- 3. practicing
- 4. apprenticeship
- 5. other











2

PI

3

test



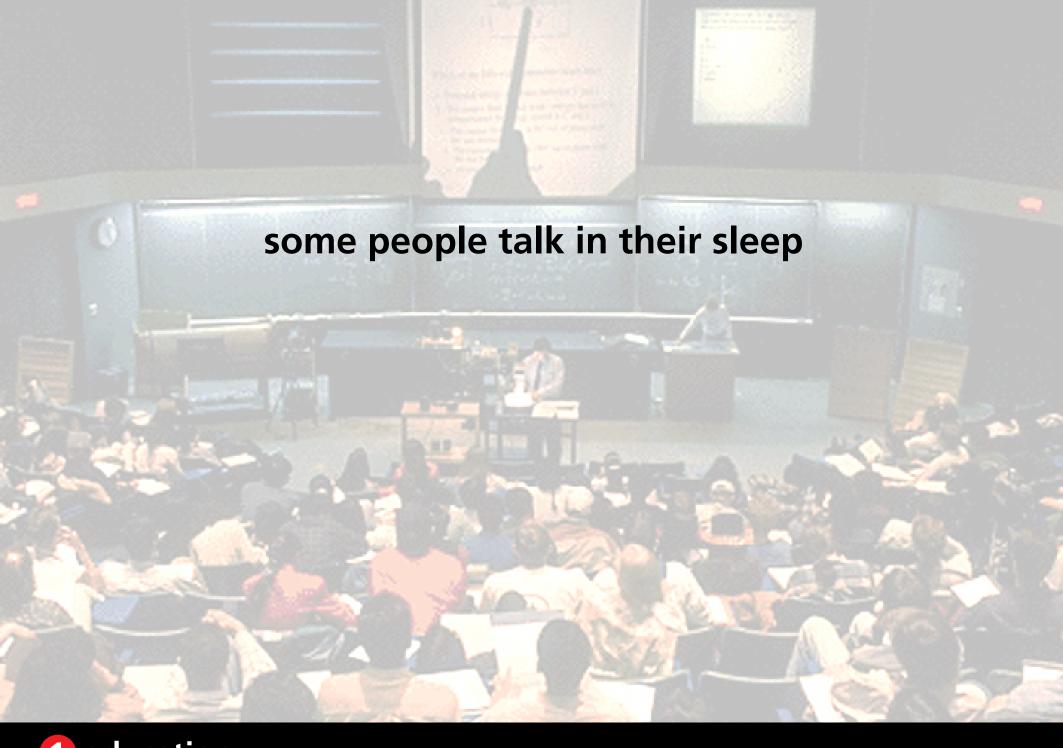
2 P

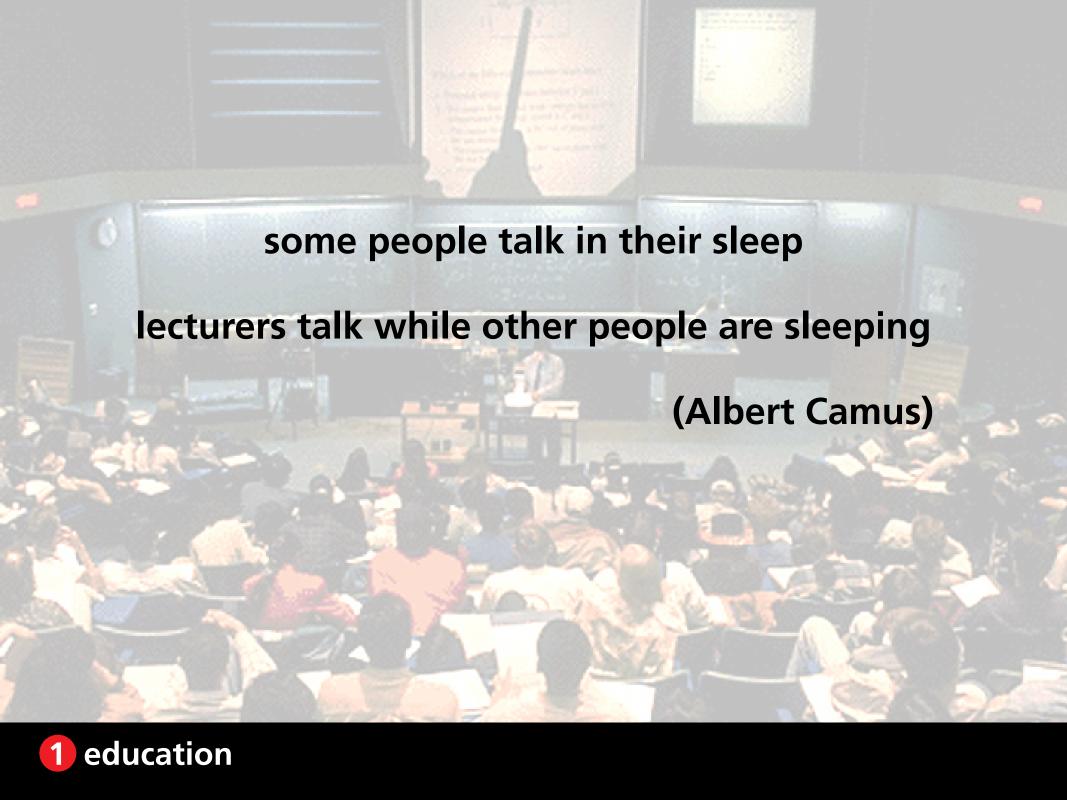
3

test

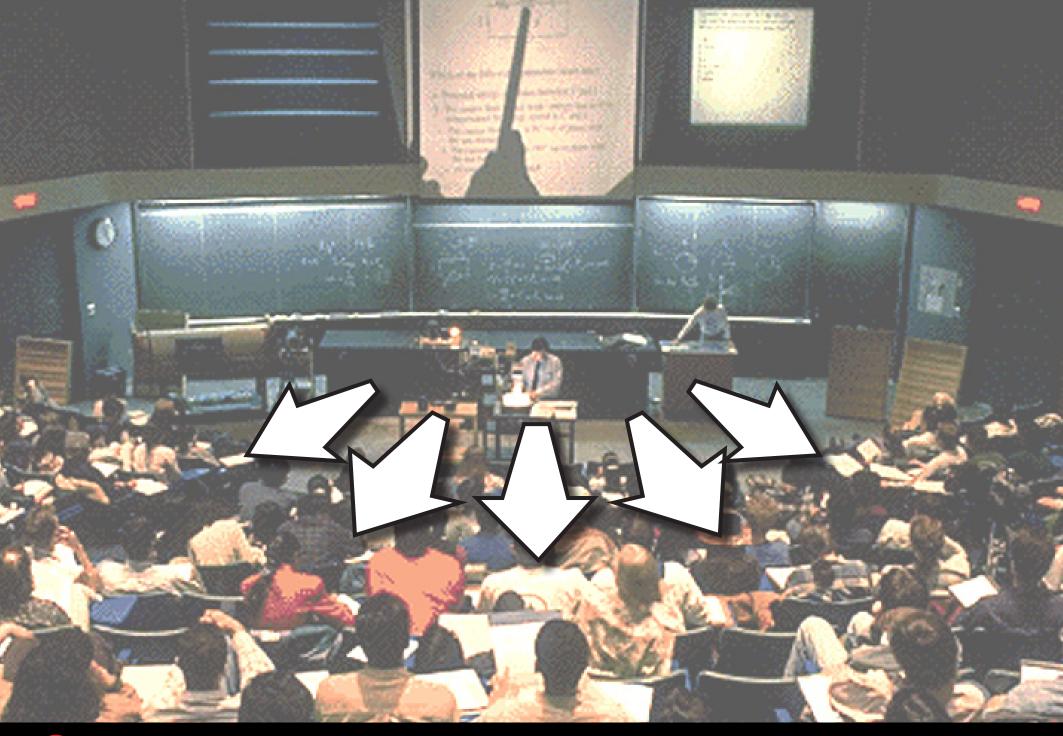


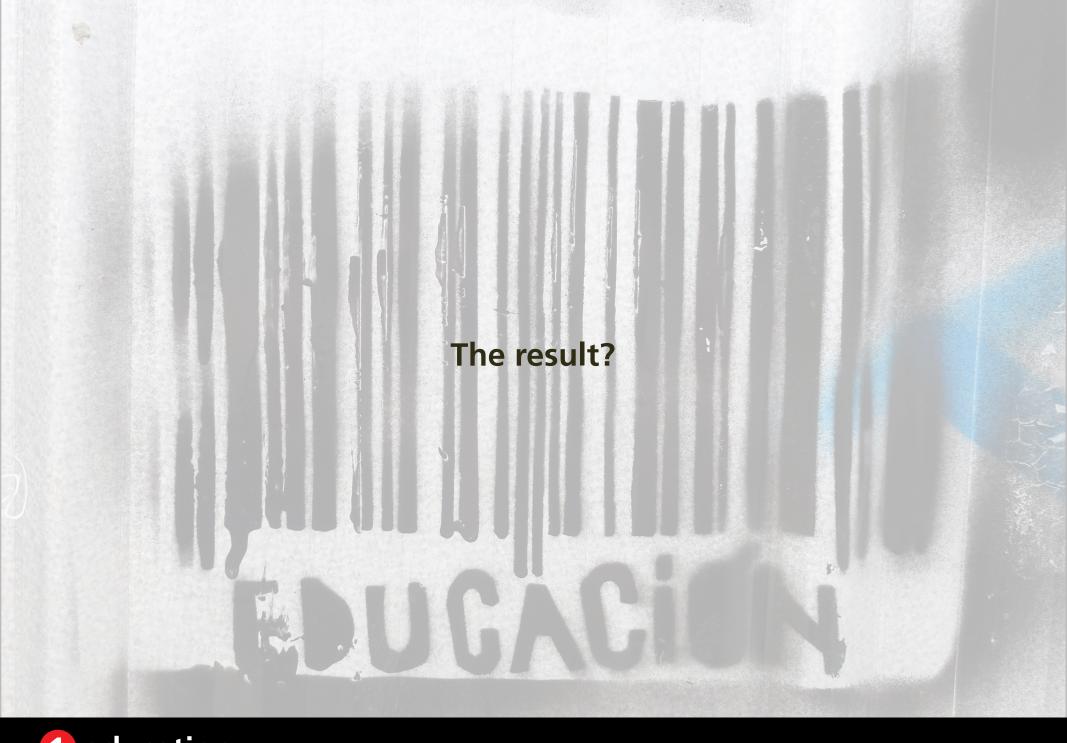


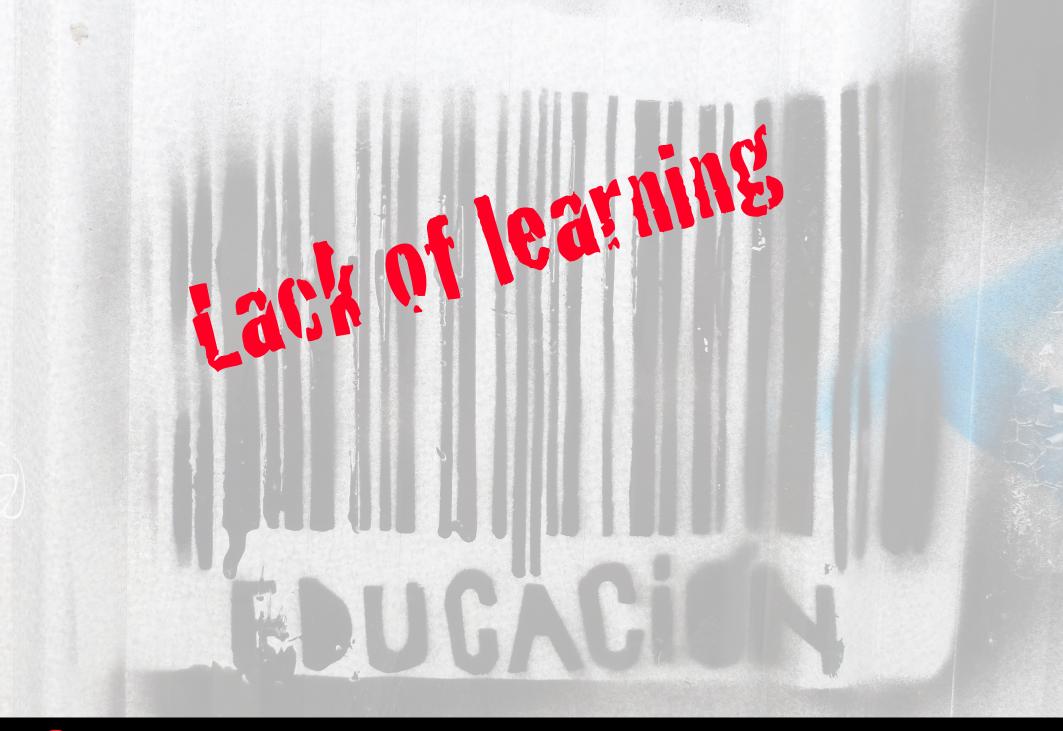




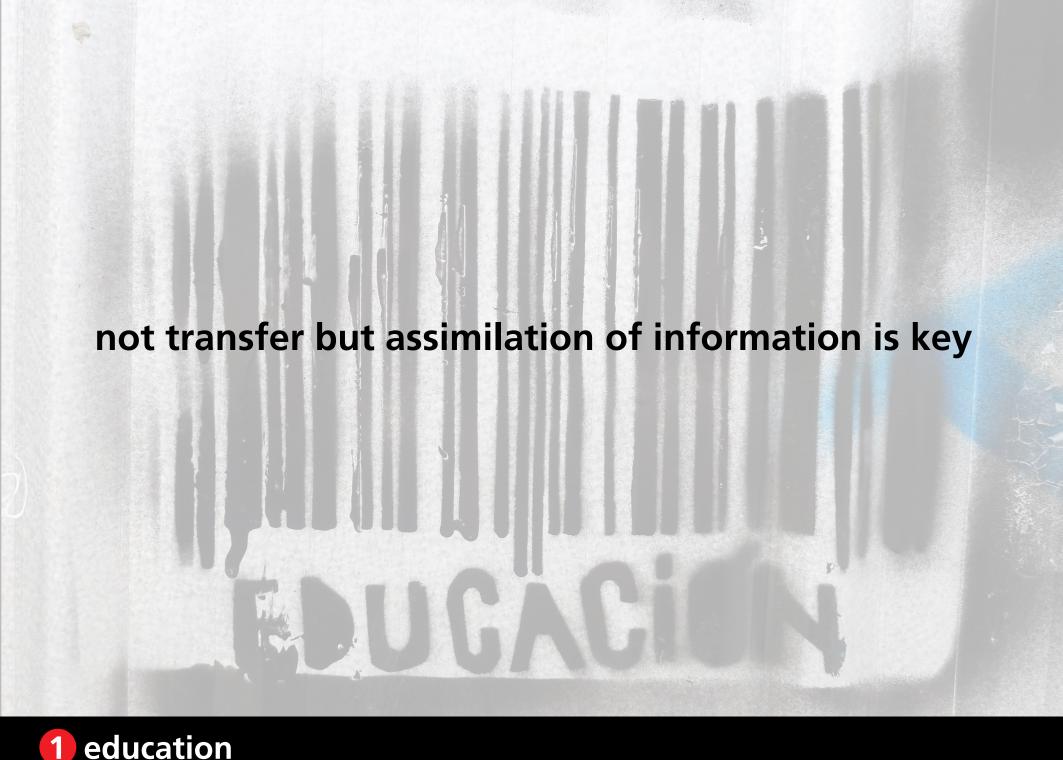




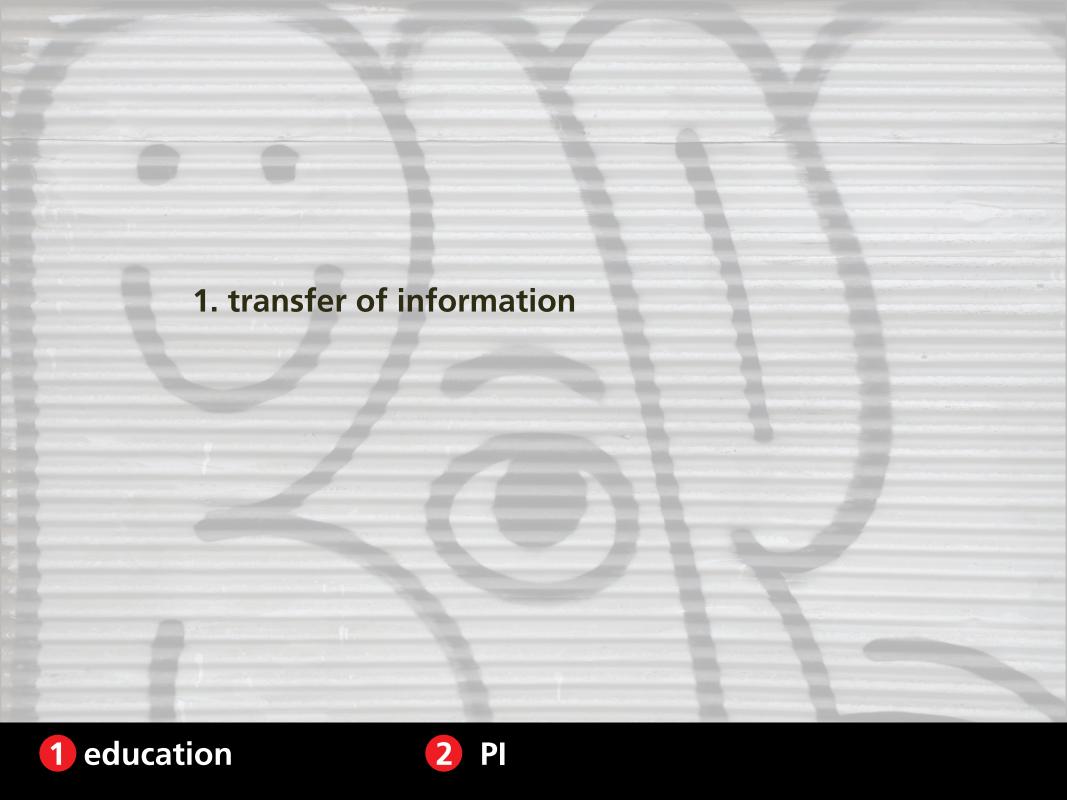












1. transfer of information

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)

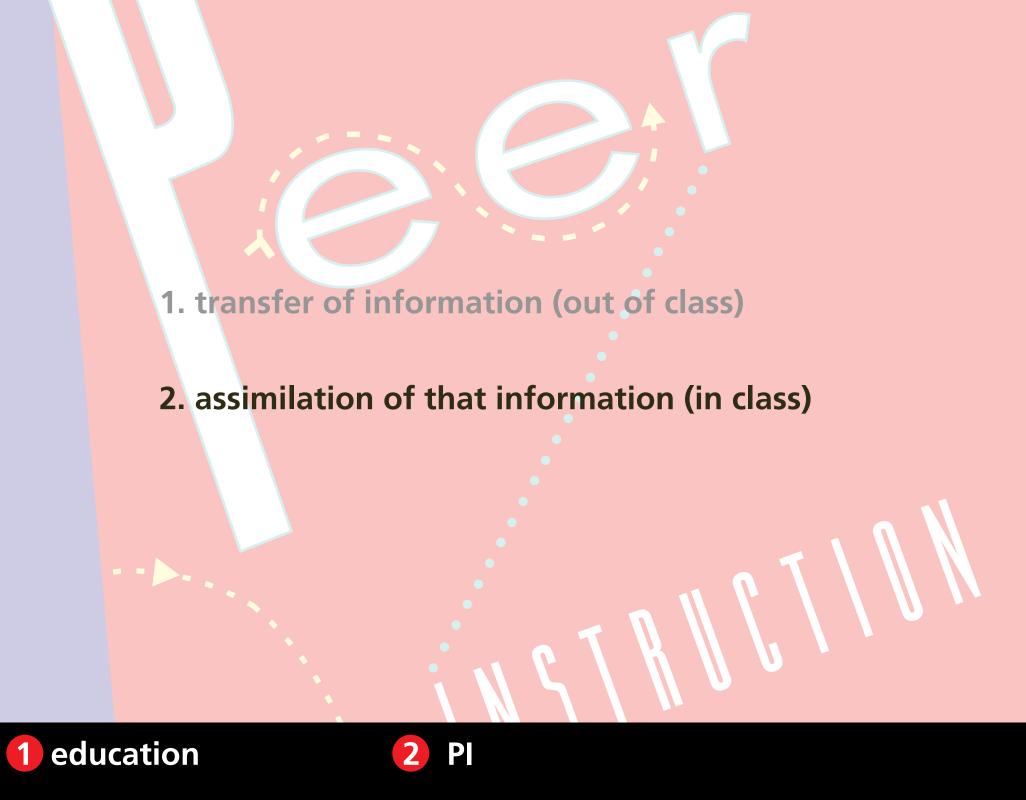
2. assimilation of that information (out of class)

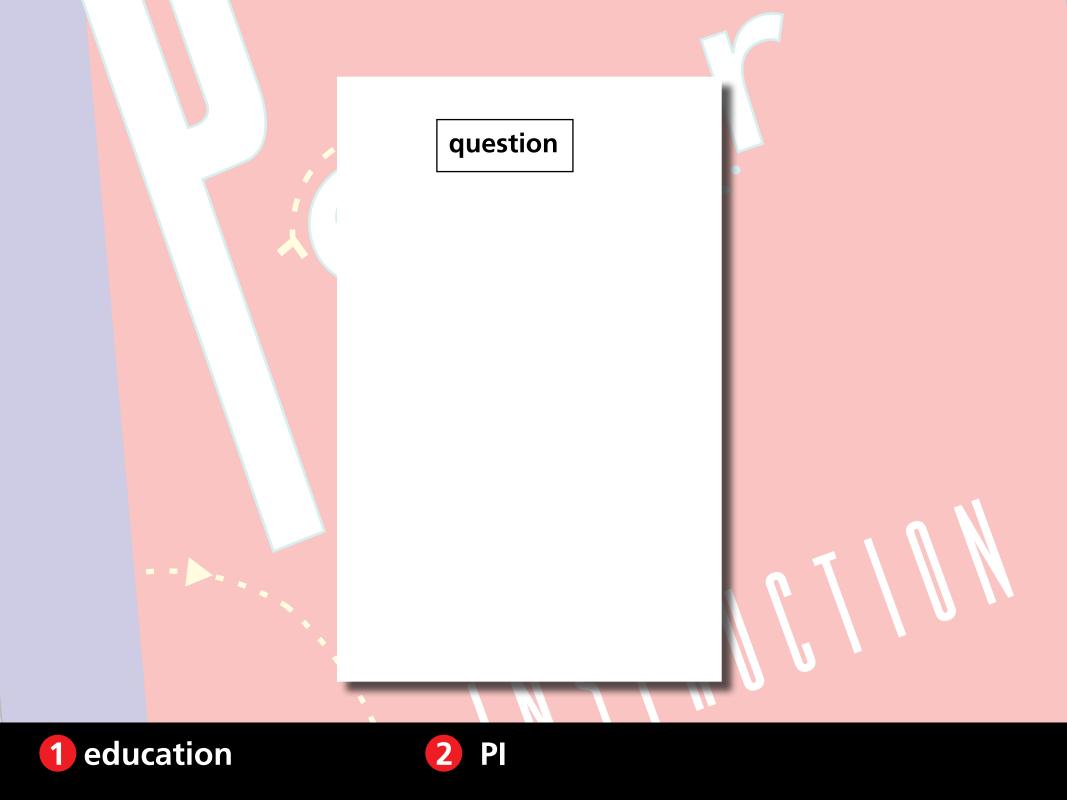
1. transfer of information (in class)

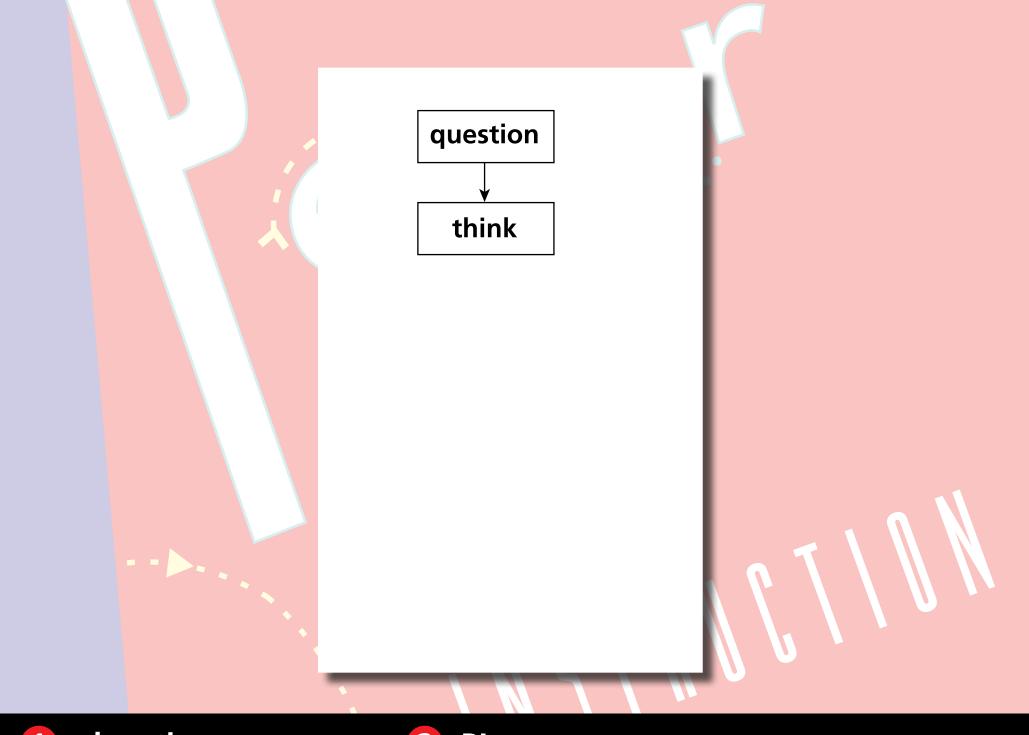
2. assimilation of that information (out of class)

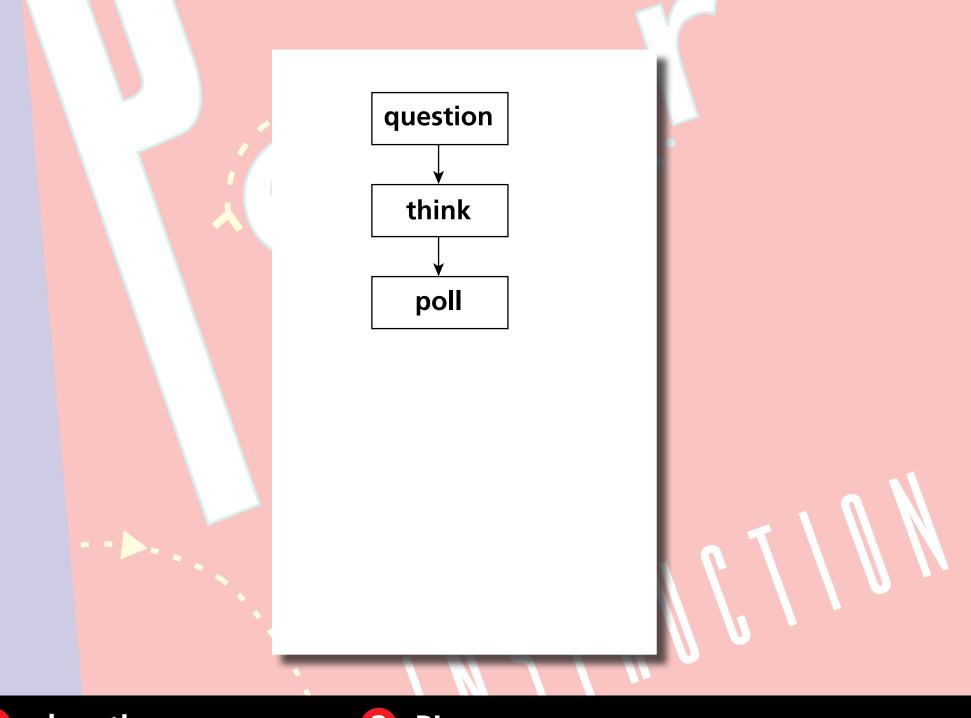
1. transfer of information (out of class)

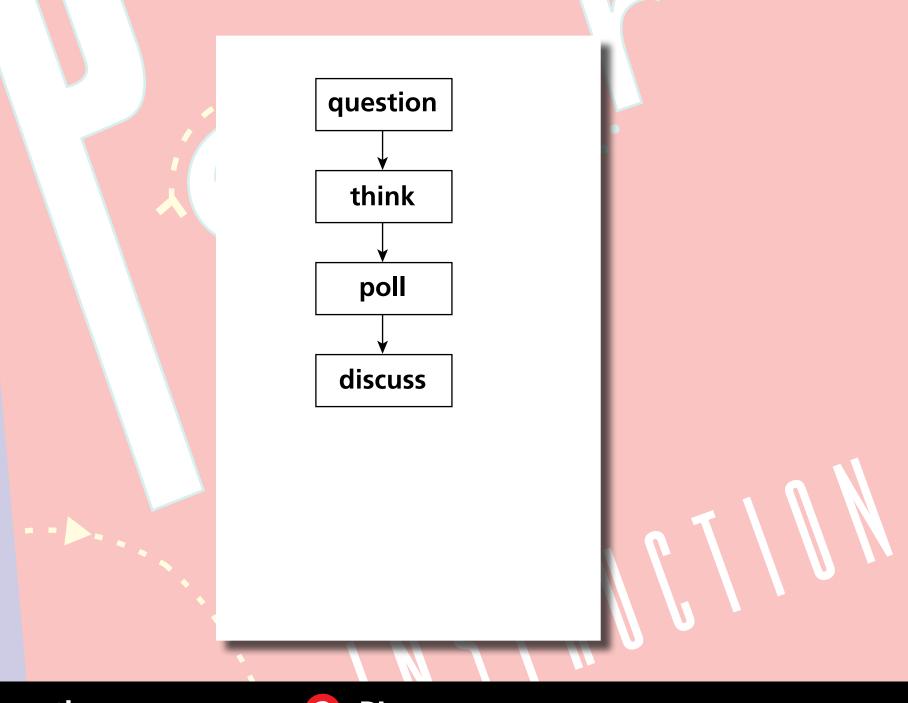
2. assimilation of that information (in class)

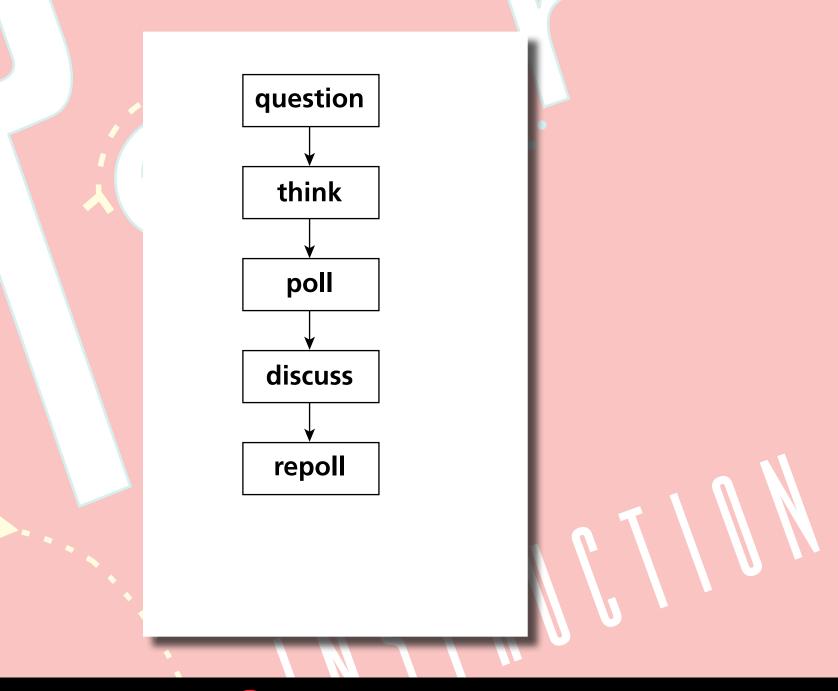


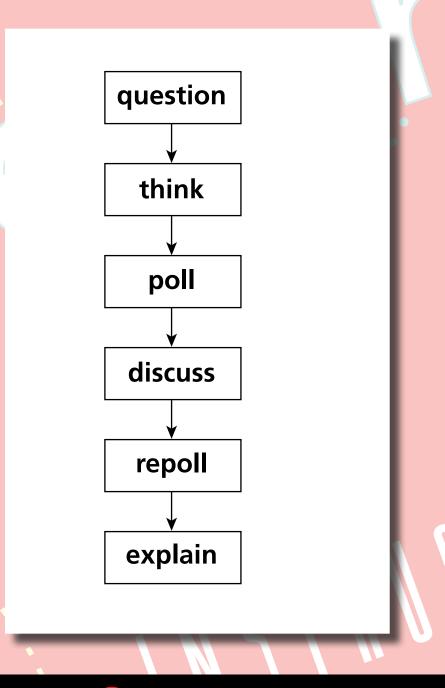


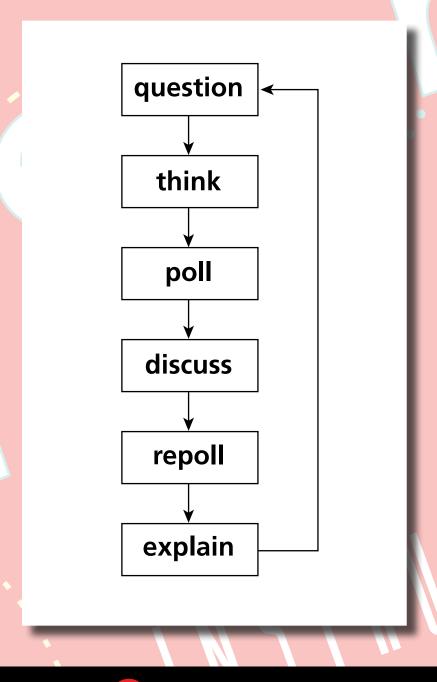


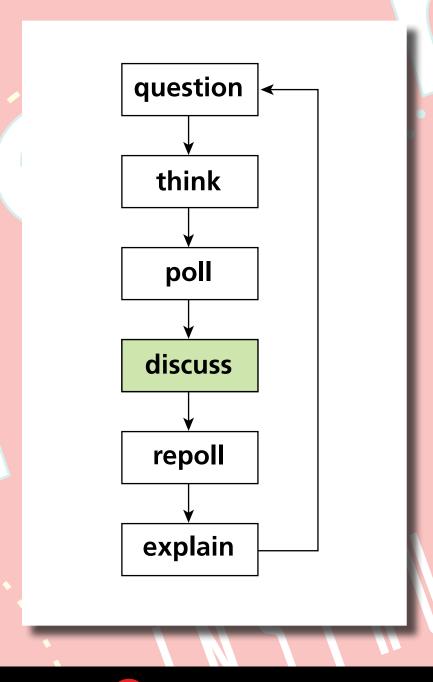


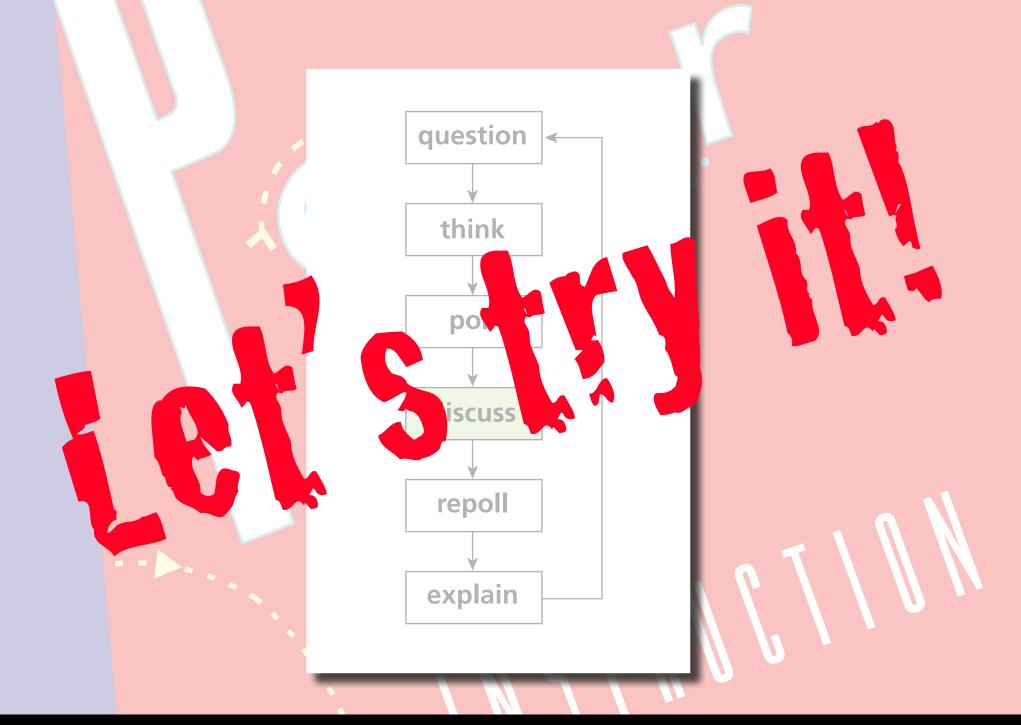




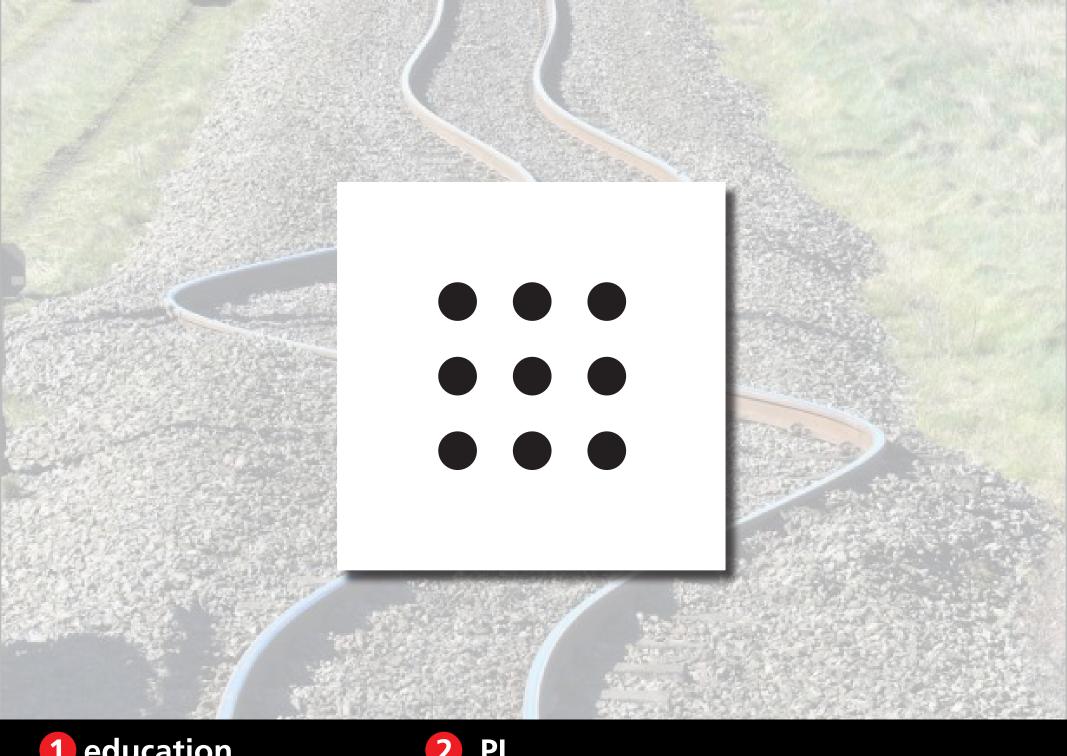


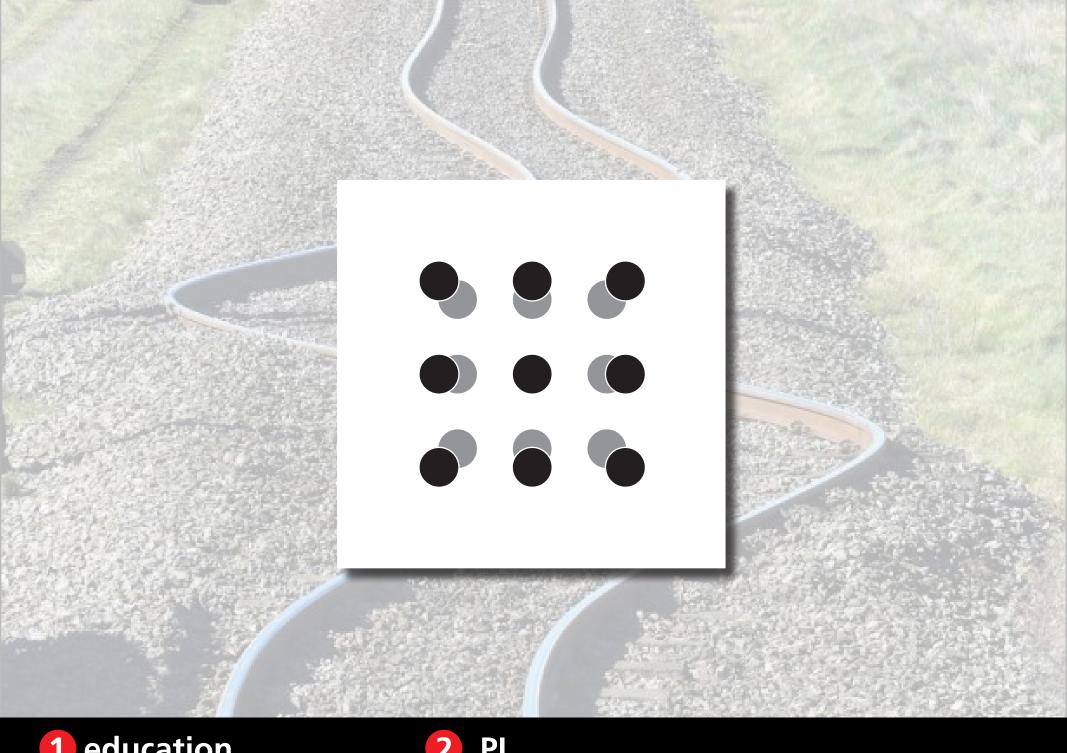




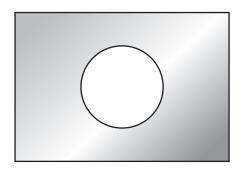




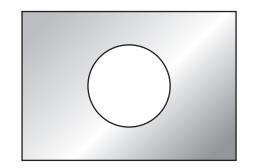


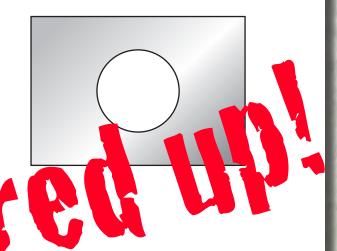






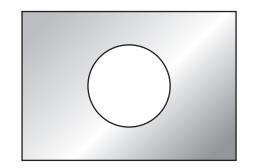
- 1. increases.
- 2. stays the same.
- 3. decreases.





- 1. increases
- 2 ctay the same
- B. a. de ses

- 1. increases.
- 2. stays the same.
- 3. decreases.



Before I tell you the answer...

You...

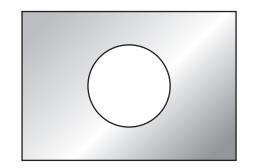
1. made a commitment

- 1. made a commitment
- 2. externalized your answer

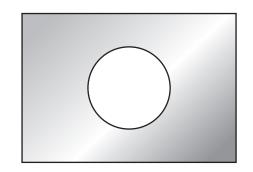
- 1. made a commitment
- 2. externalized your answer
- 3. moved from the answer/fact to reasoning

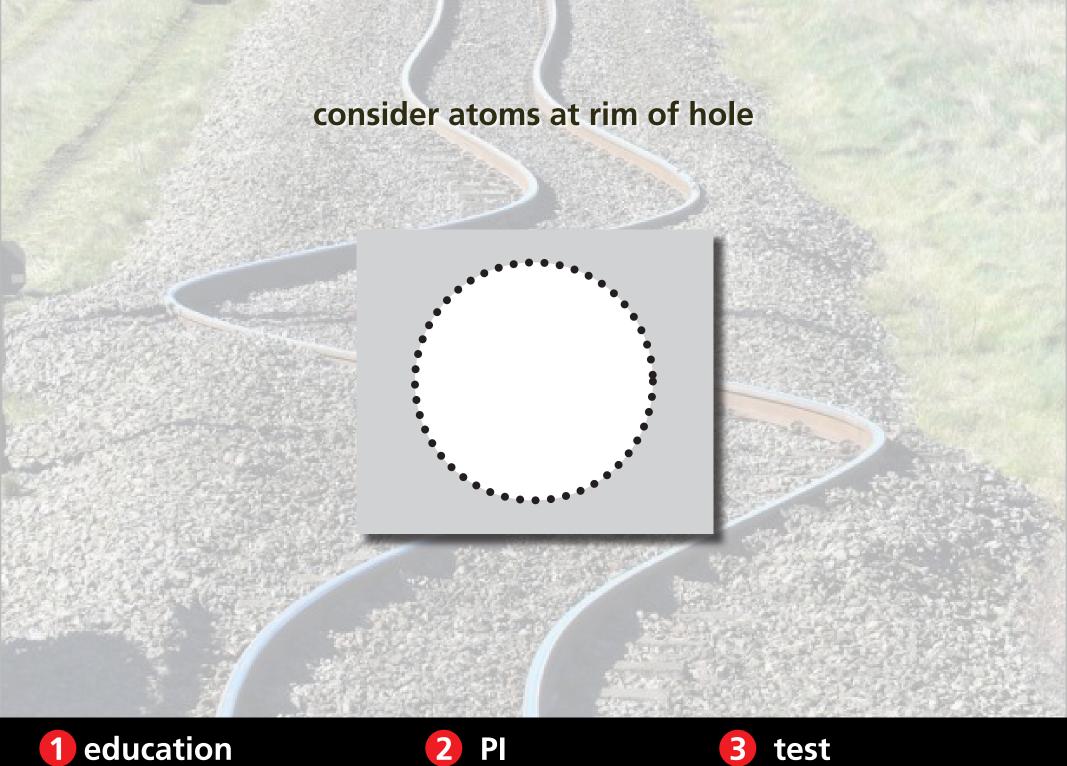
- 1. made a commitment
- 2. externalized your answer
- 3. moved from the answer/fact to reasoning
- 4. became emotionally invested in the learning process

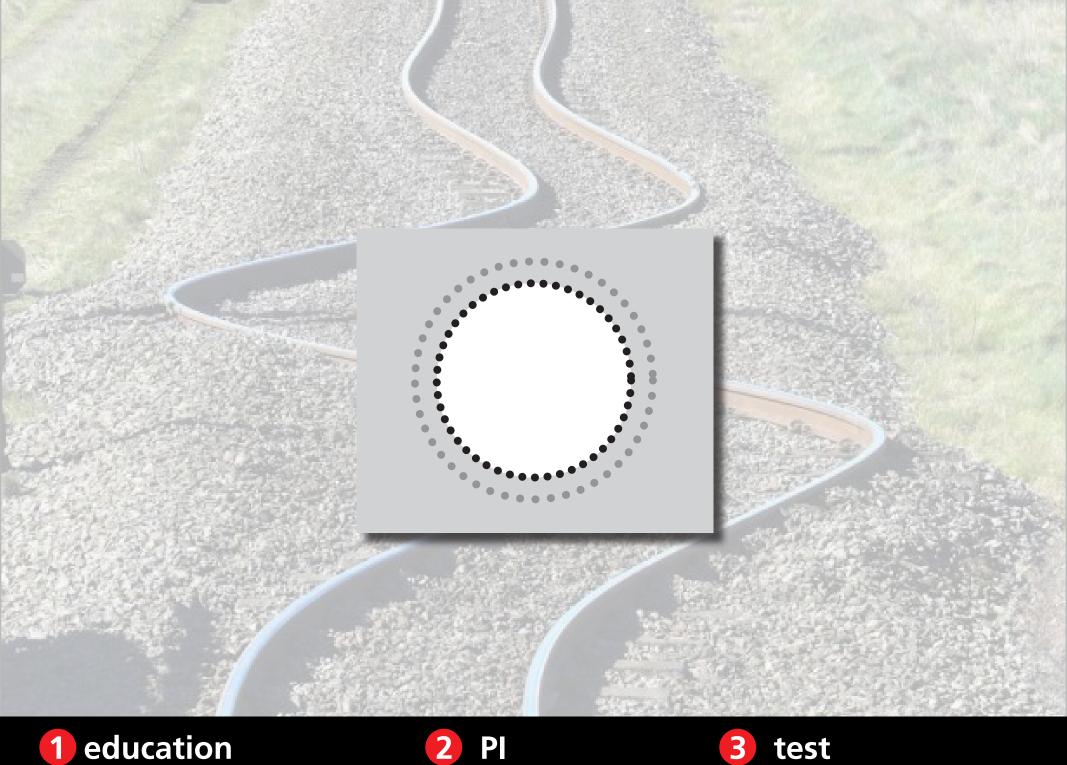
- 1. increases.
- 2. stays the same.
- 3. decreases.



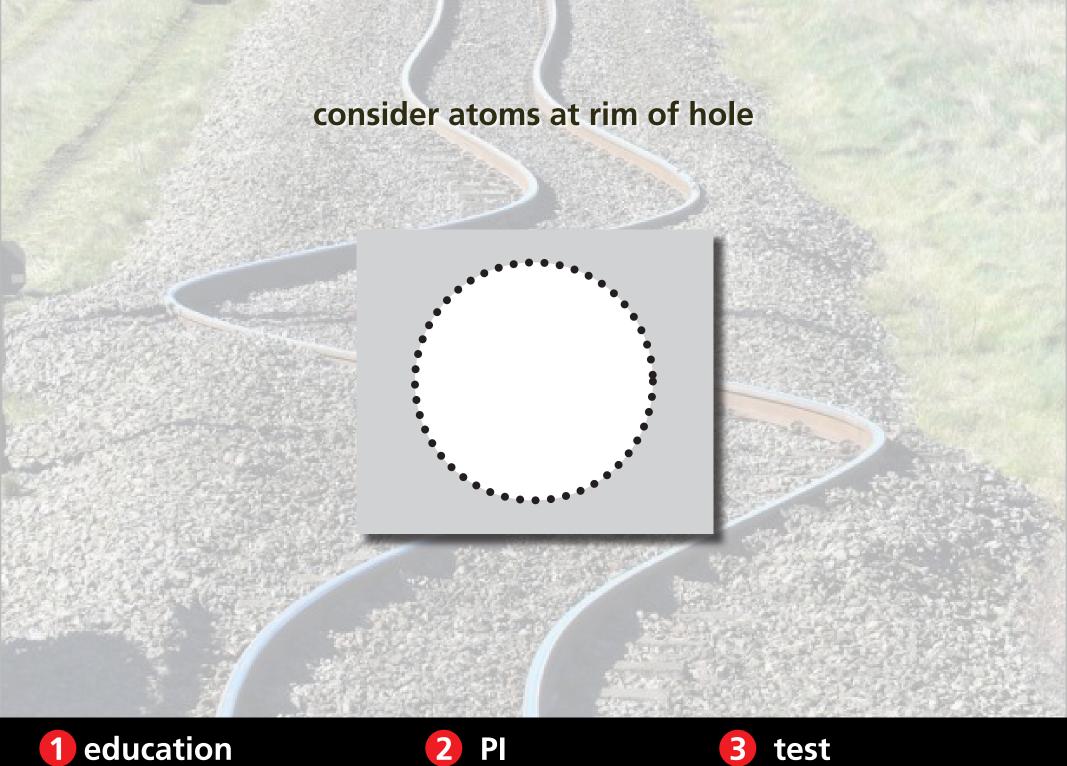
- 1. increases.
- 2. stays the same.
- 3. decreases.

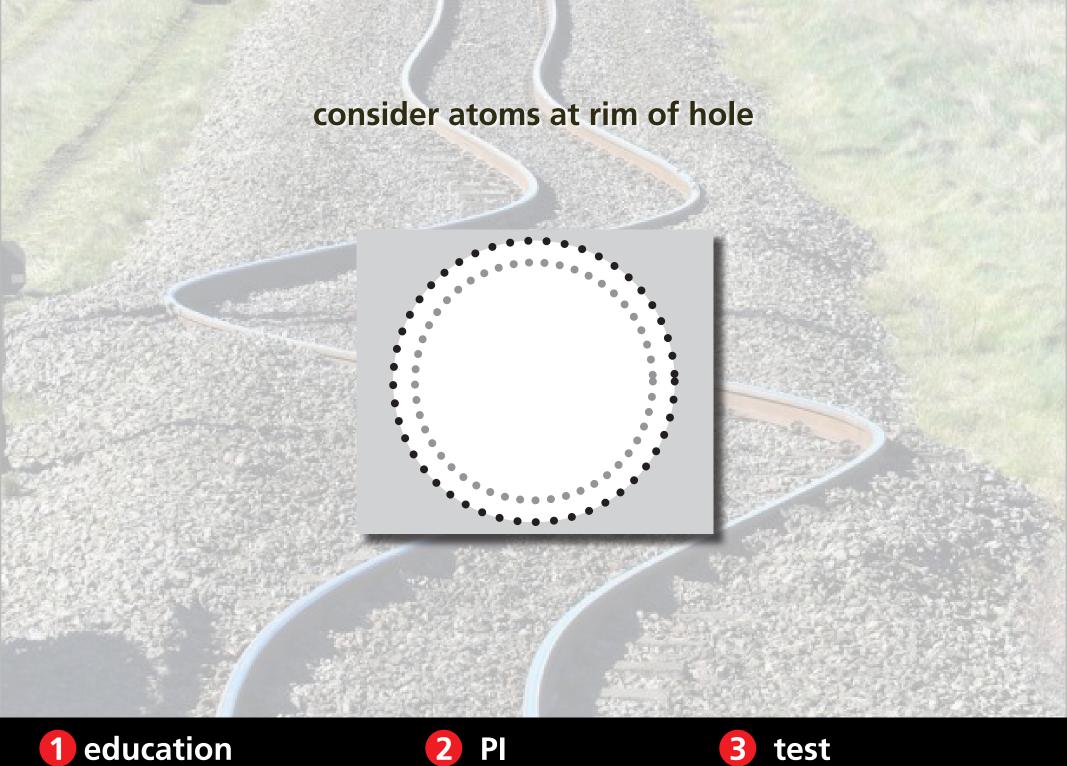






1 education





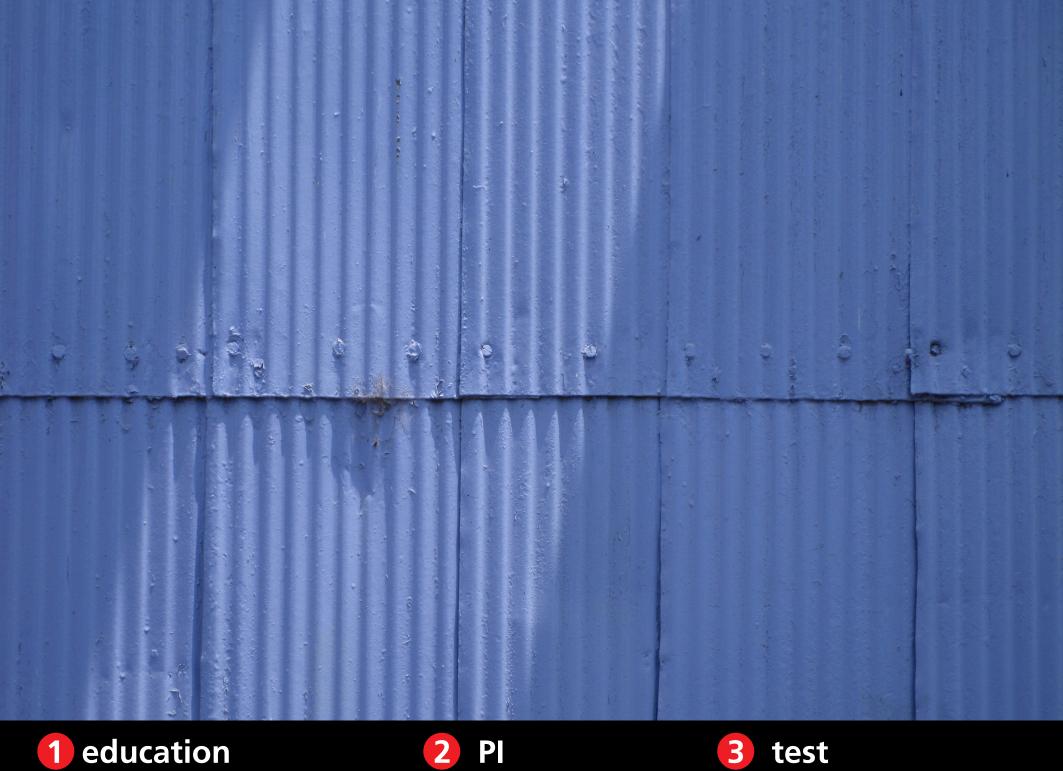




education







1 education

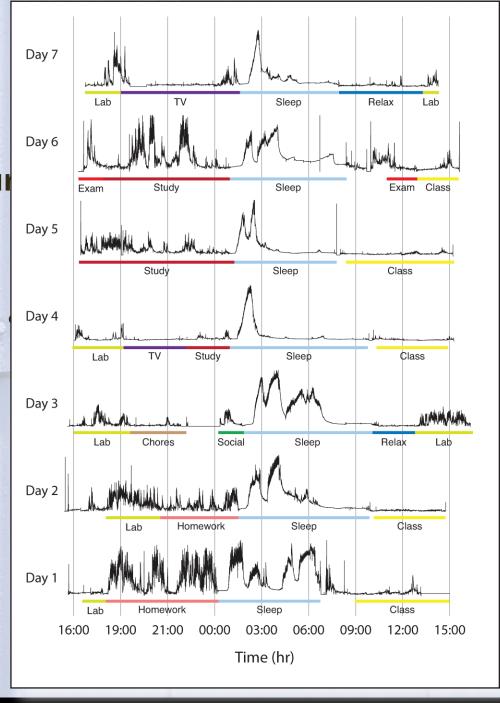
in a lecture, students... 1 education test in a lecture, students...

1. don't pay utmost attention

in a lectur

1. don't pay utmost

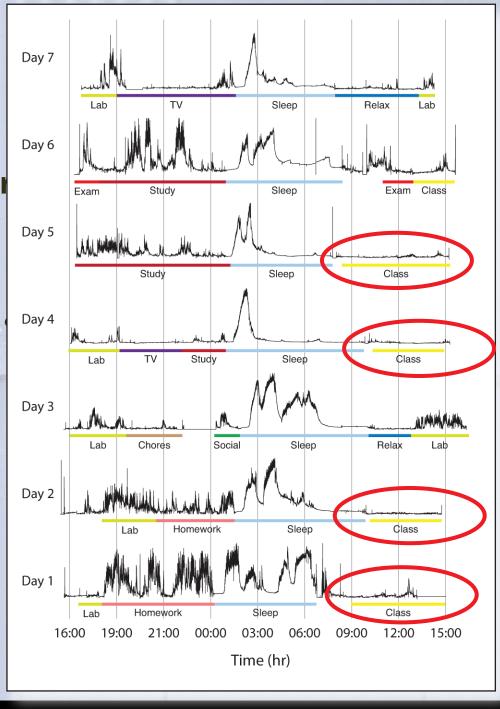
doi: 10.1109/TBME.2009.2038487



in a lectur

1. don't pay utmost

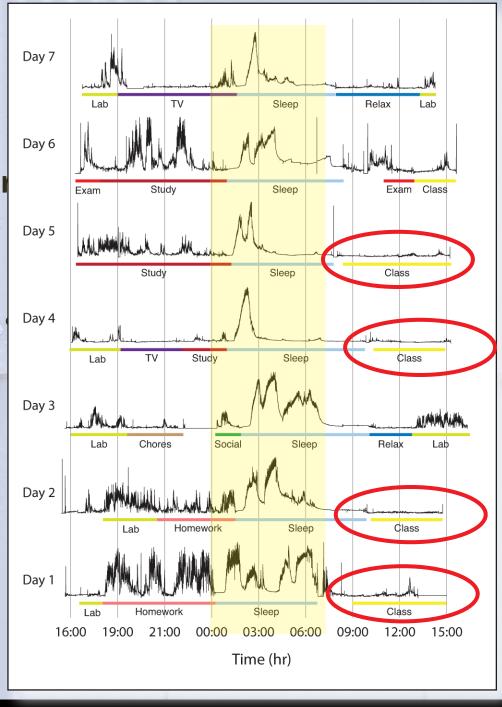
doi: 10.1109/TBME.2009.2038487



in a lectur

1. don't pay utmost

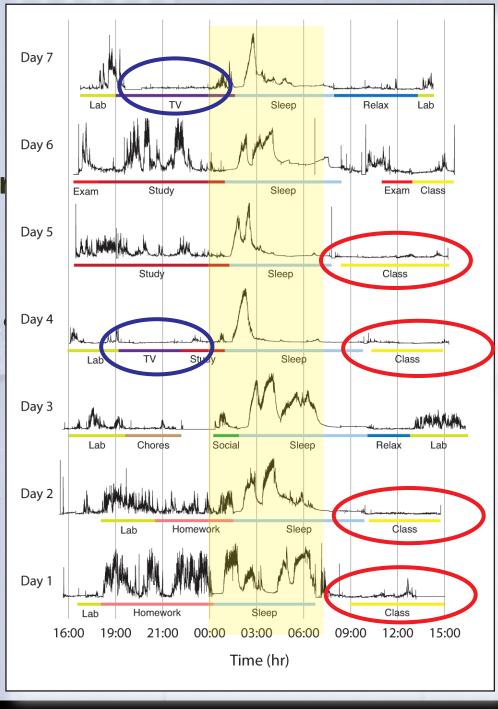
doi: 10.1109/TBME.2009.2038487



in a lectur

1. don't pay utmost

doi: 10.1109/TBME.2009.2038487



in a lecture, students...

1. don't pay utmost attention

2. think they know it



education



2 short video lectures on calico cats, same content

fluent video



speaks fluidly w/o notes upright maintains eye contact

doi: 10.3758/s13423-013-0442-z

2 short video lectures on calico cats, same content

fluent video



speaks fluidly w/o notes upright maintains eye contact

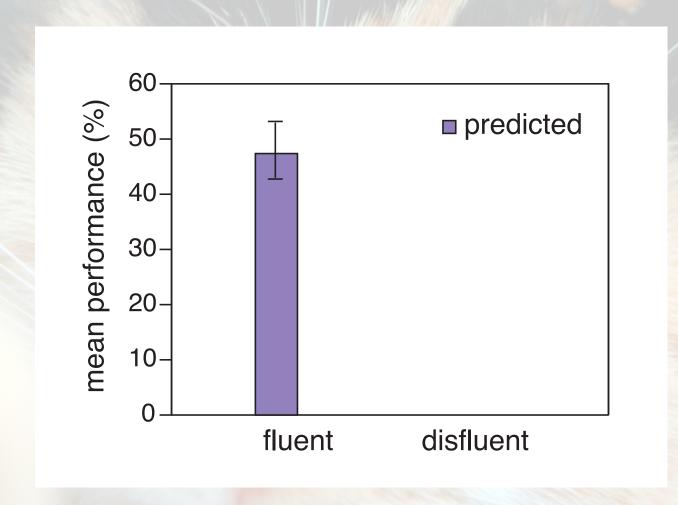
doi: 10.3758/s13423-013-0442-z

disfluent video



speaks haltingly from notes
slumped
looks away

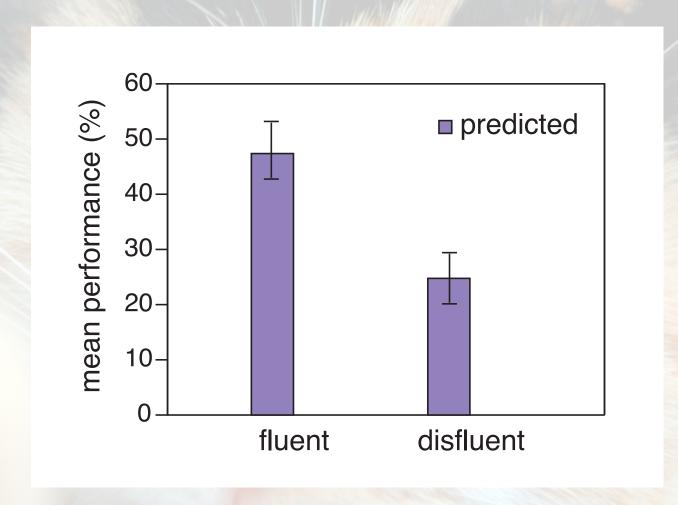
judgement of learning



doi: 10.3758/s13423-013-0442-z

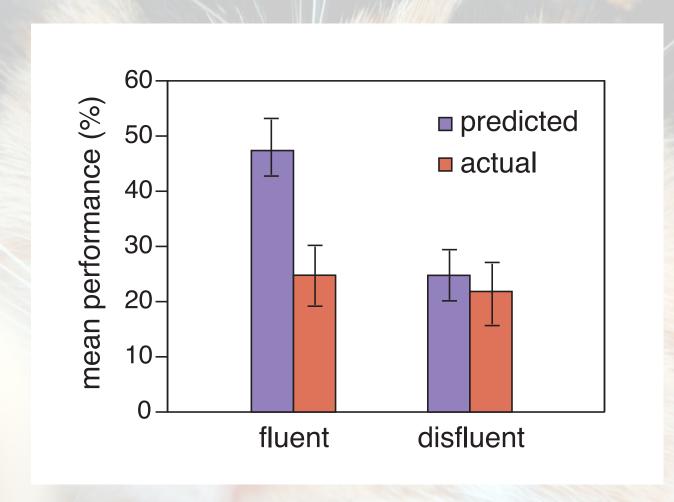
PI

judgement of learning



doi: 10.3758/s13423-013-0442-z

judgement of learning



doi: 10.3758/s13423-013-0442-z

PI

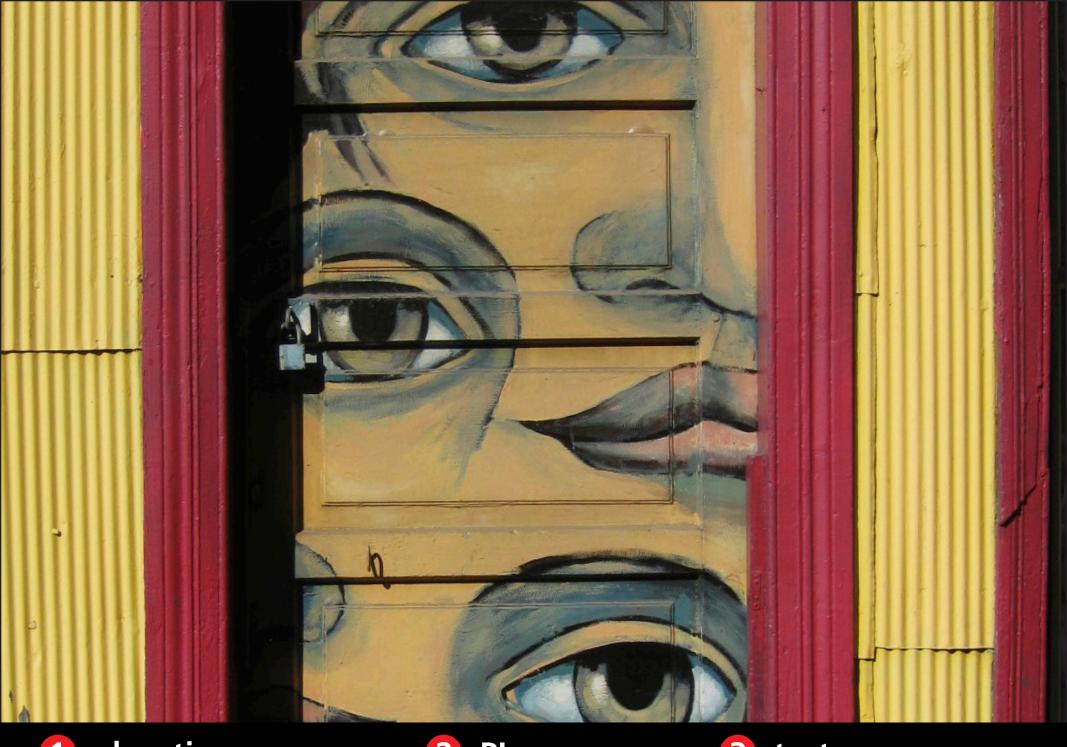
in a lecture, students...

- 1. don't pay utmost attention
- 2. think they know it
- 3. are not confronted with misconceptions

in a lecture, students...

- 1. don't pay uthost attention
- 2. think they know it

3 tre loc of onted with misconceptions

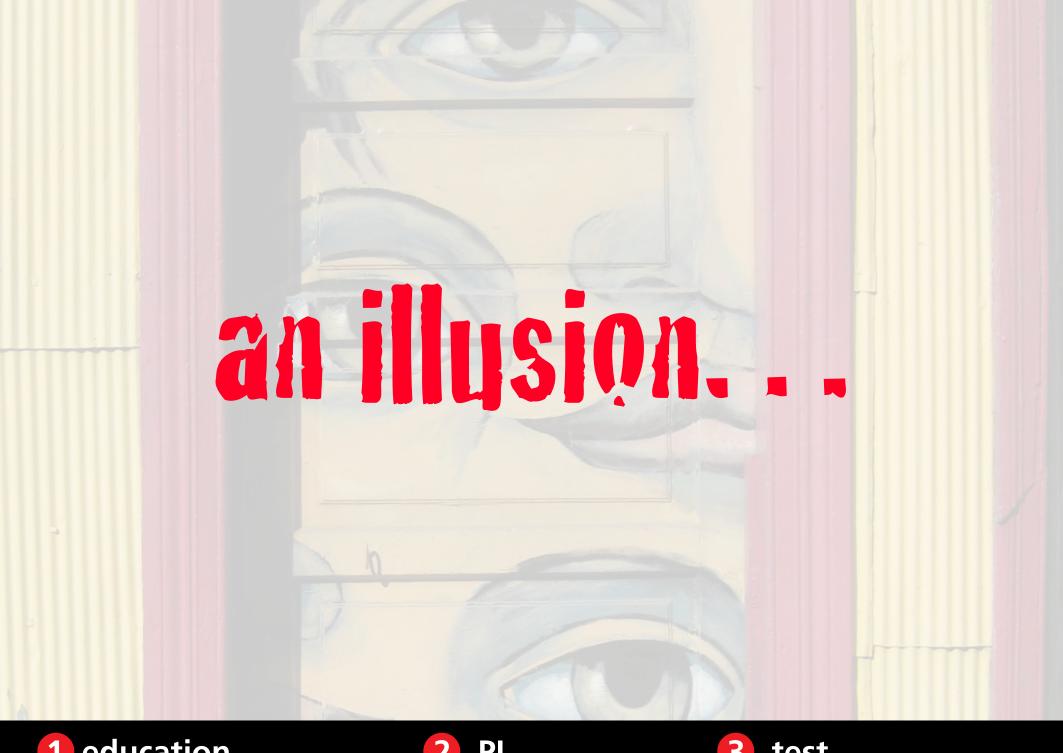


1 education

2 PI

3

test



Education is not just about:

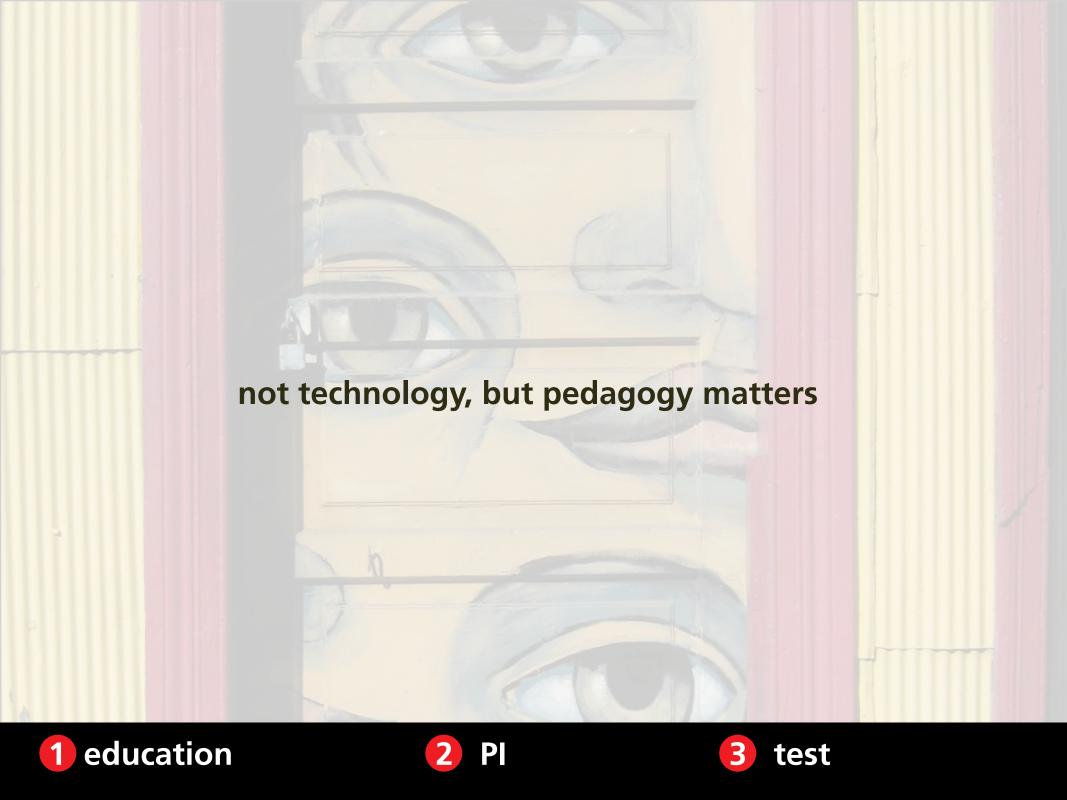
- transferring information
- getting students to do what we do

Education is not just about:

transferring information

getting students to do what we do

active participation a must!



Join now!

Peerlnstruction.net



National Science Foundation

for a copy of this presentation:

mazur.harvard.edu

Follow me! eric_mazur

Google

Google Search

I'm Feeling Lucky

Google

mazur

Google Search

I'm Feeling Lucky



mazur

Google Search (I'm Feeling Lucky



mazur

Google Search I'm Feeling Lucky



National Science Foundation

for a copy of this presentation:

mazur.harvard.edu

Follow me!



eric_mazur