Promoting Social Interactions in (Remote) Education

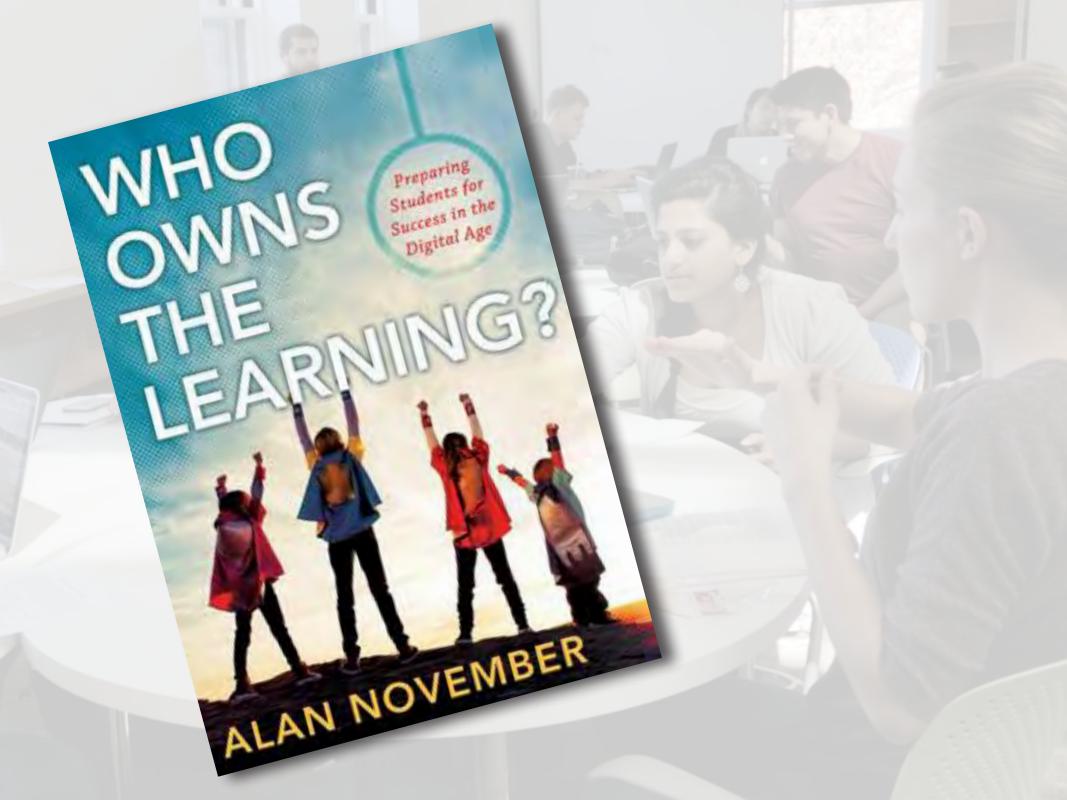


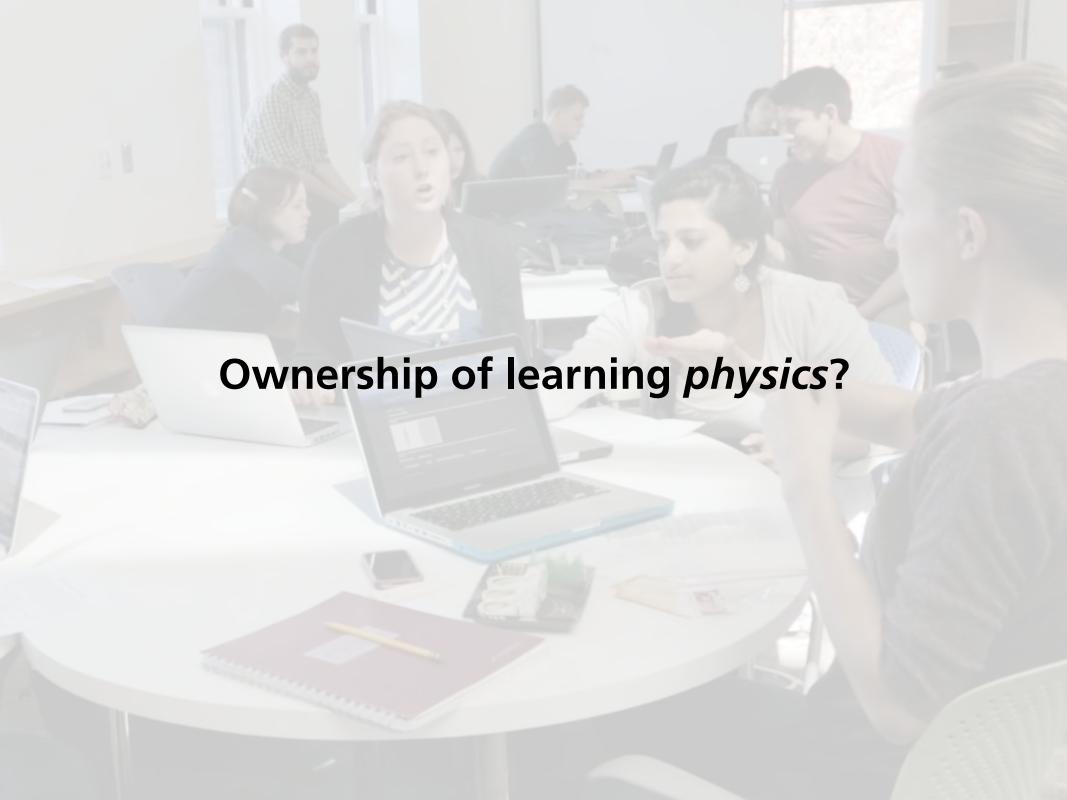


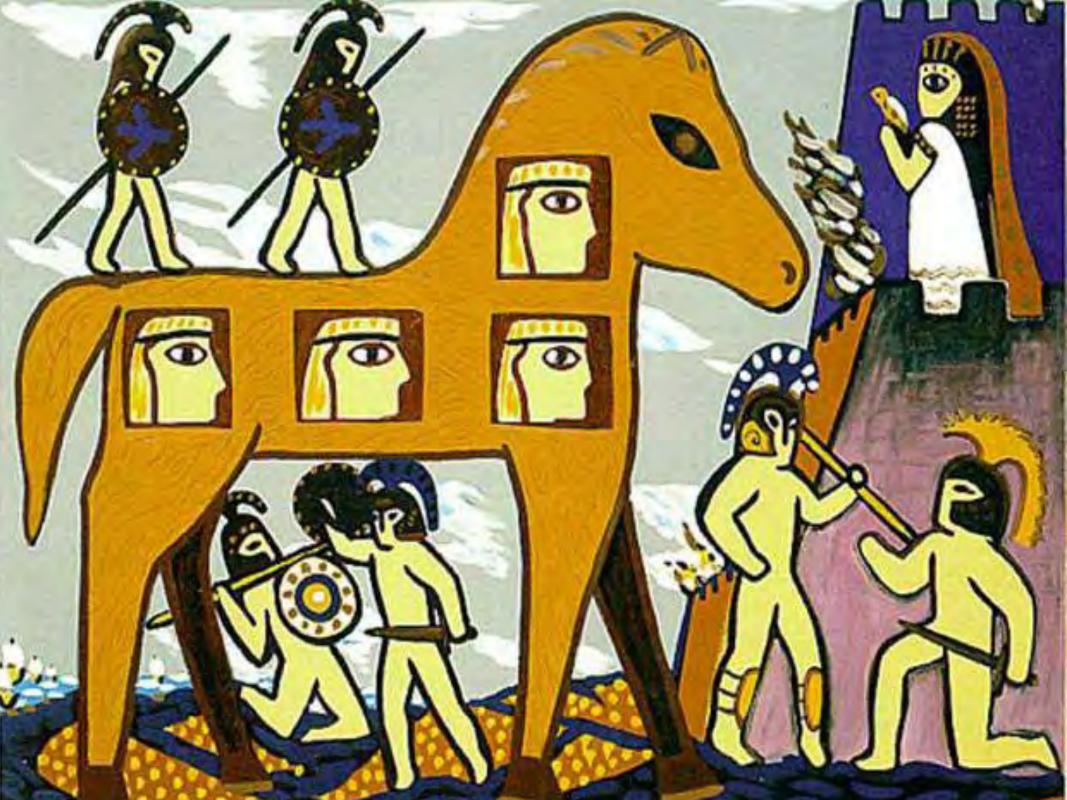
Promoting Social Interactions in (Remote) Education















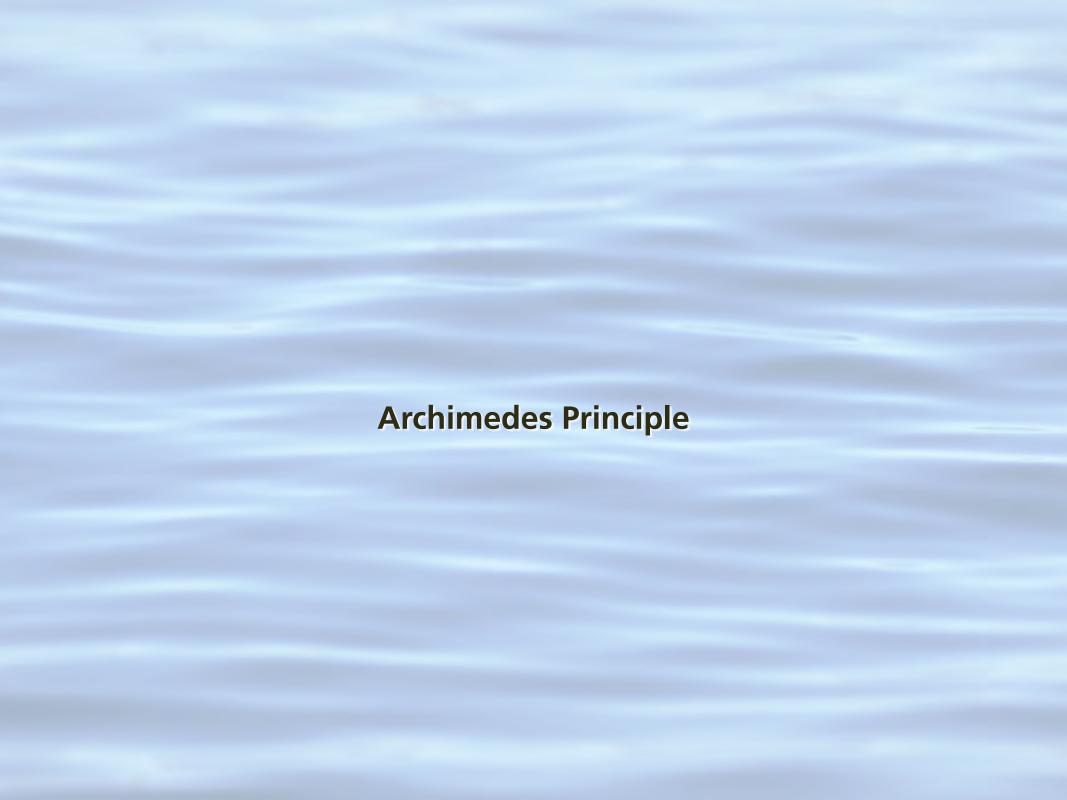


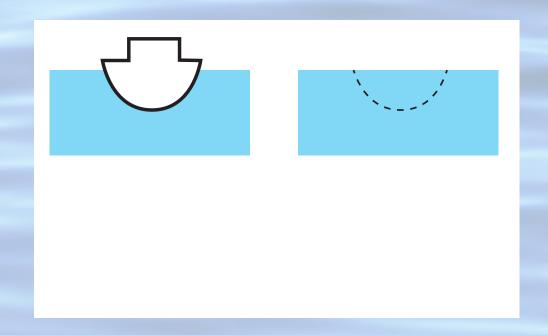


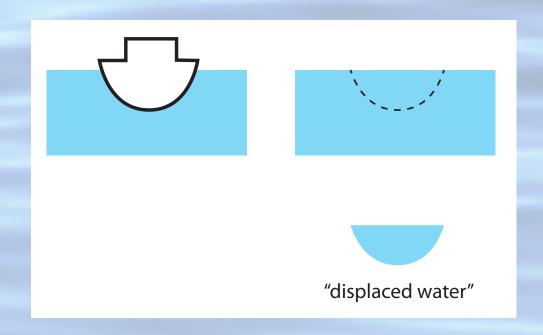


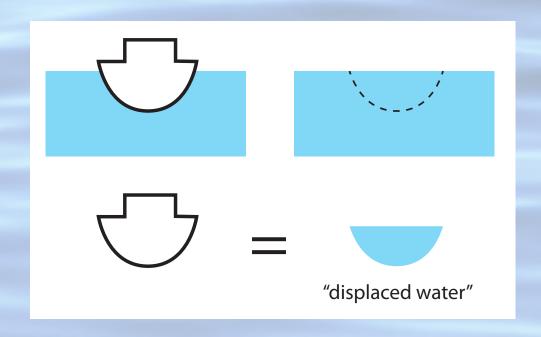


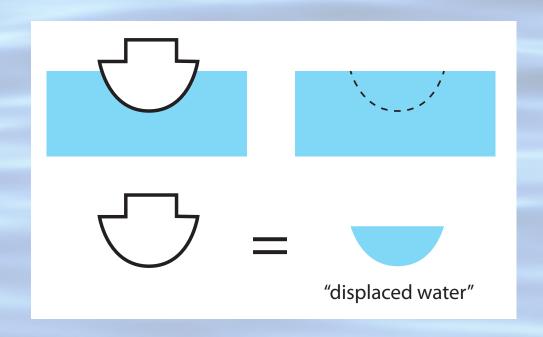


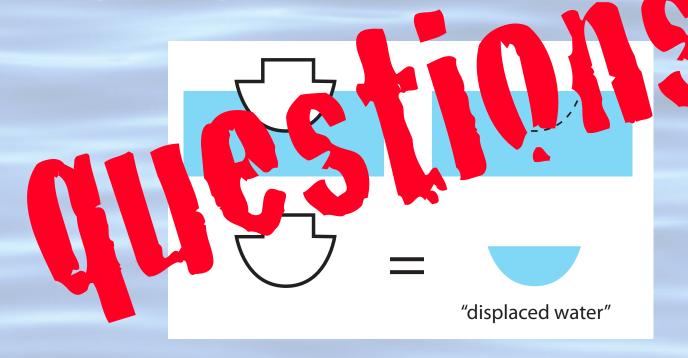








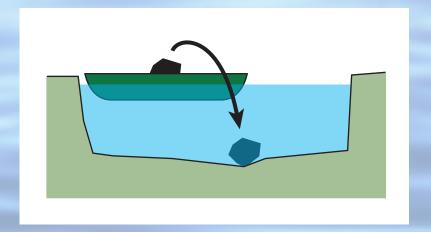




1. Go to: http://bit.ly/NSFHSPhys

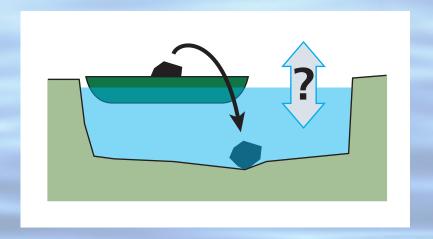
2. Enter info

3. Join Session ID: 40796710









After the boulder sinks to the bottom of the pond, the level of the water in the pond is

- 1. higher than
- 2. the same as
- 3. lower than

it was when the boulder was in the boat.

- 1 bit.ly/NSFHSPhys
- 2 enter info

3 join 40796710



After the boulder sinks to the bound of the pond, the level of the water in the pond

- 1. higher than
- 2. the sam
- 3. Ichelta

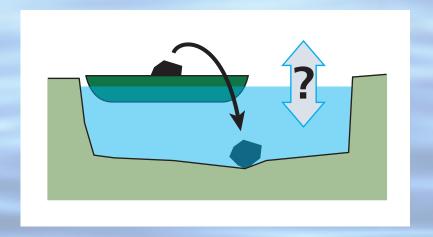
You...

1. made a commitment

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

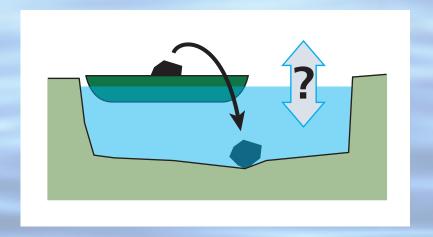
- 1. made a commitment
- 2. externalized your answer
- 3. moved from the answer/fact to reasoning

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



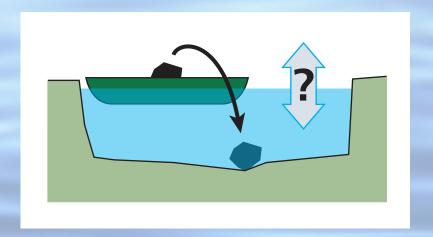
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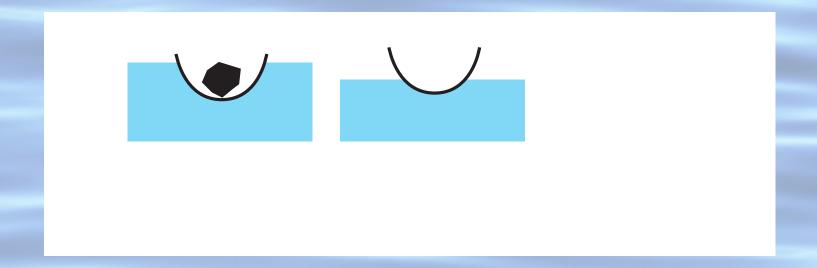
- 1. higher than
- 2. the same as
- 3. lower than

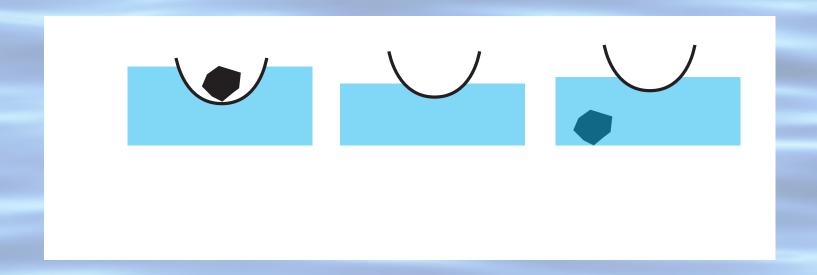


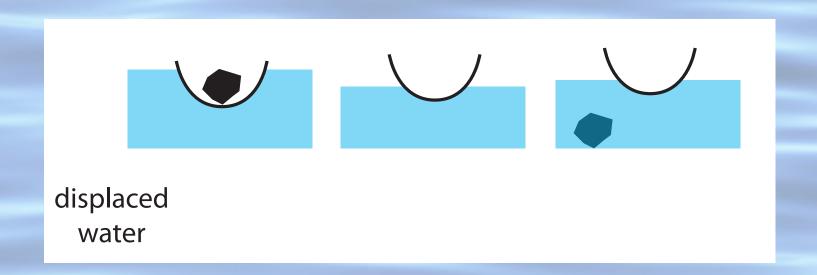
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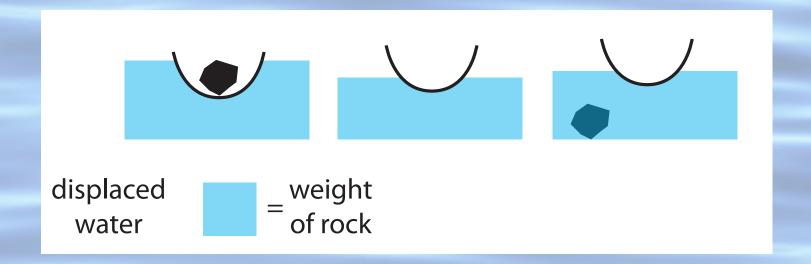
- 1. higher than
- 2. the same as
- 3. lower than



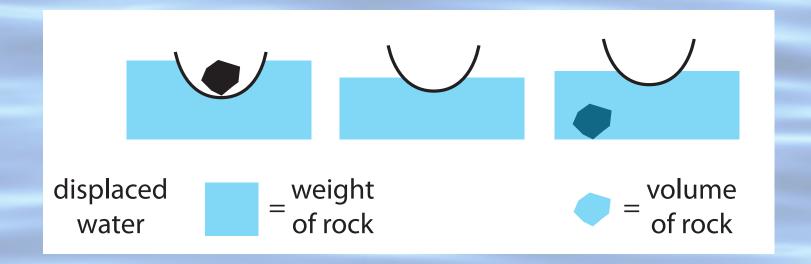








remember: amount of displaced water

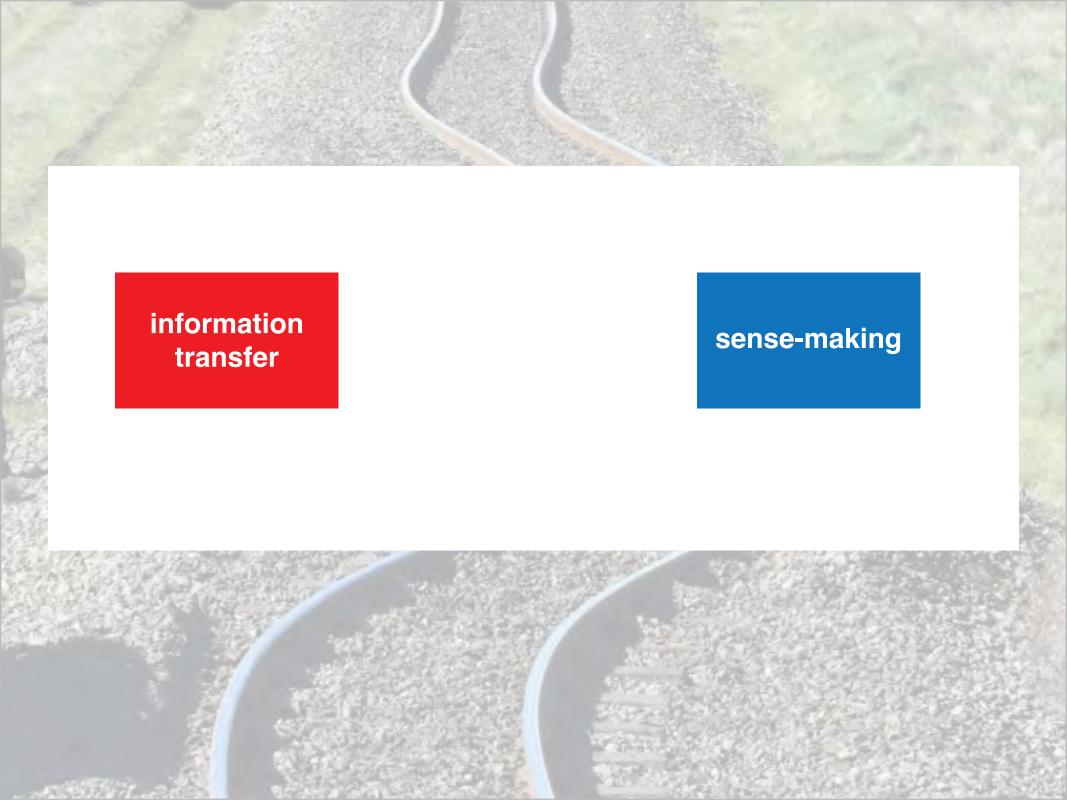


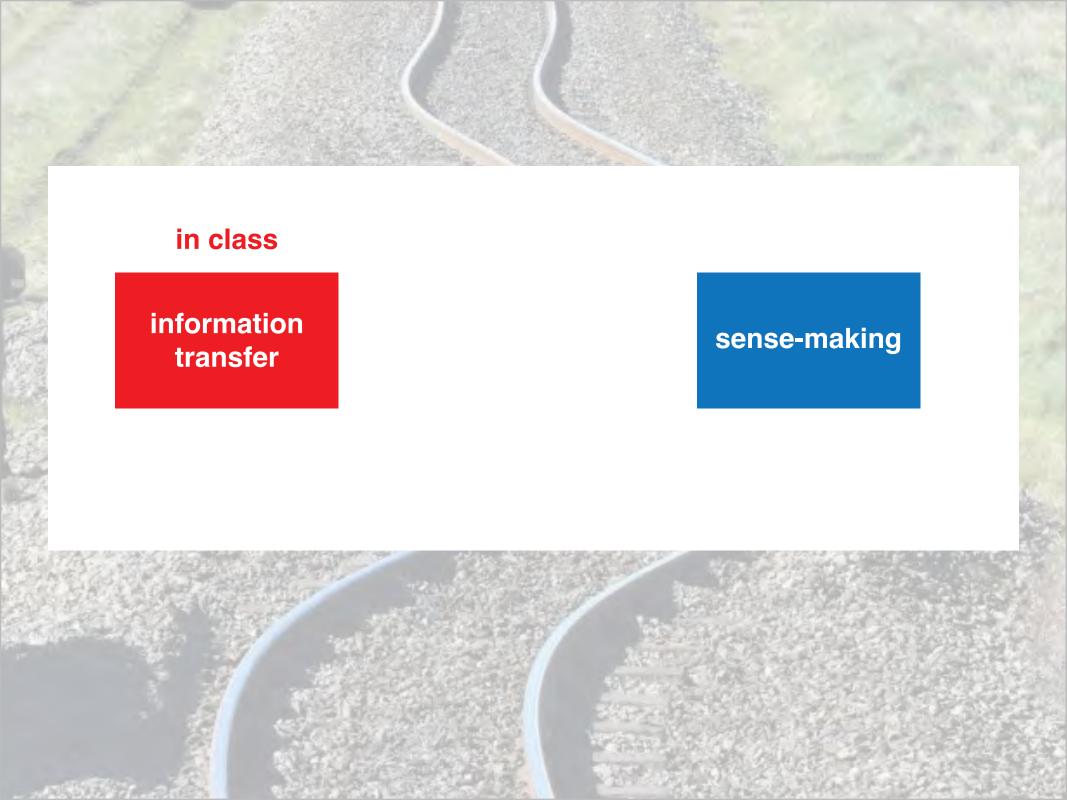


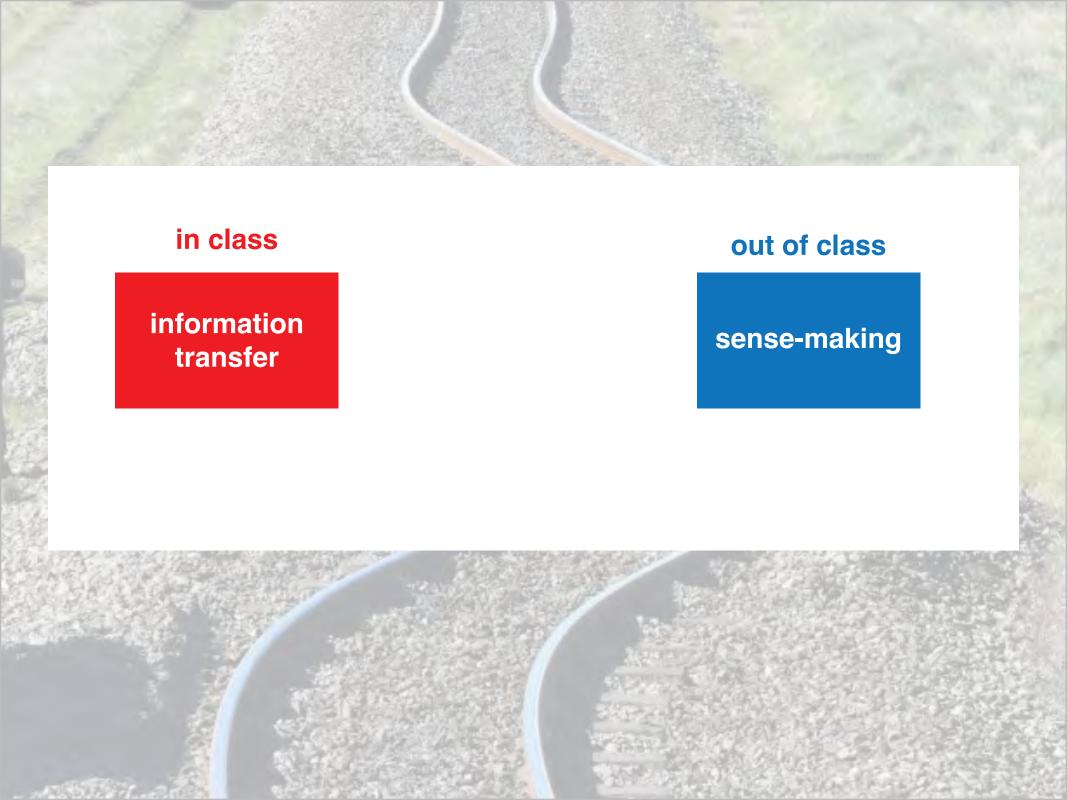


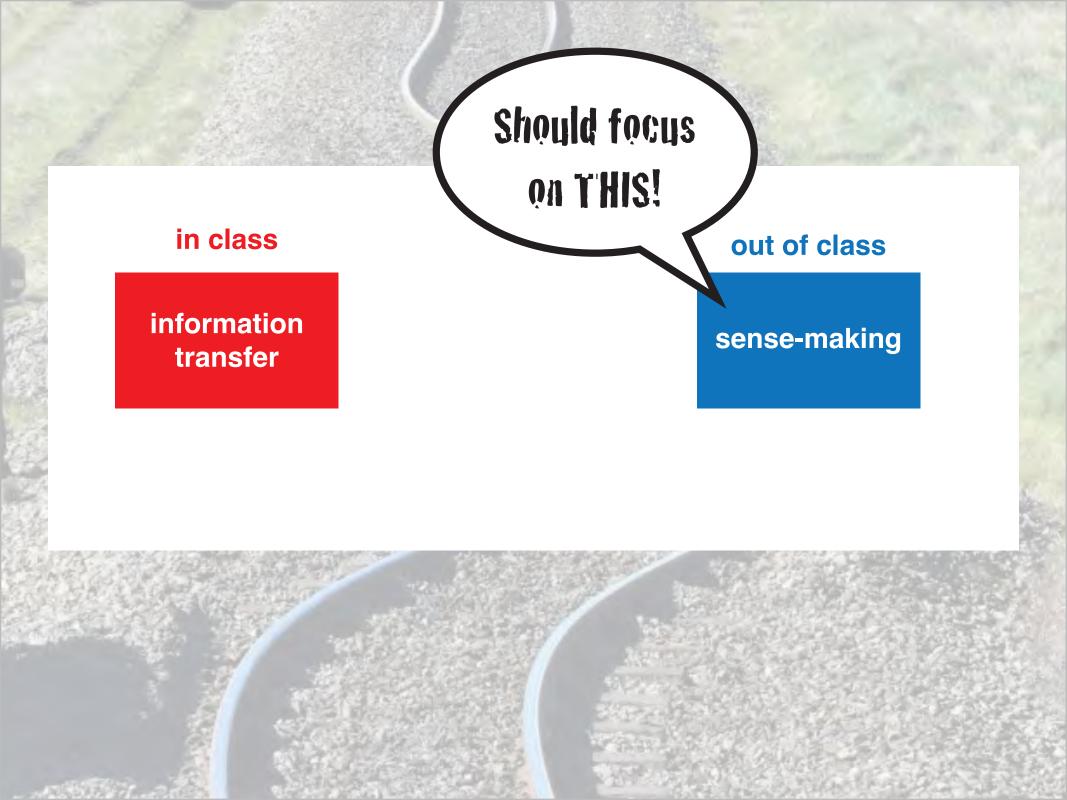
points worth noting

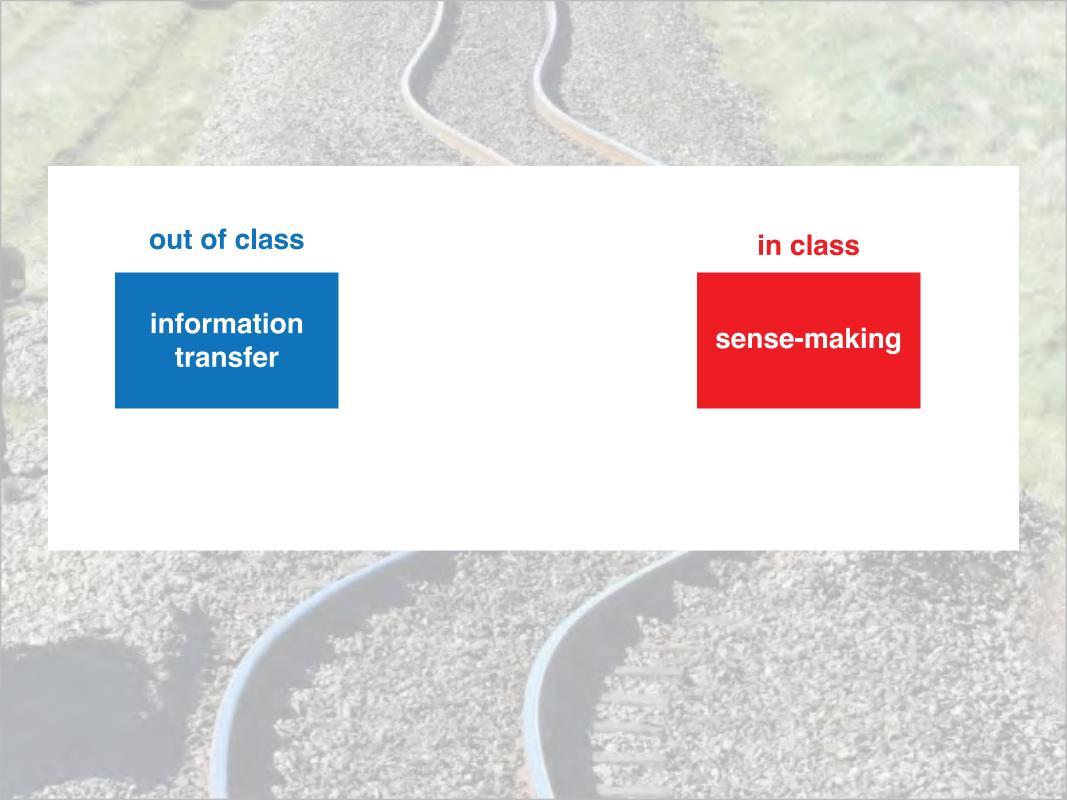
- my "clear" lecture wasn't very good
- discussion promoted "aha" moments

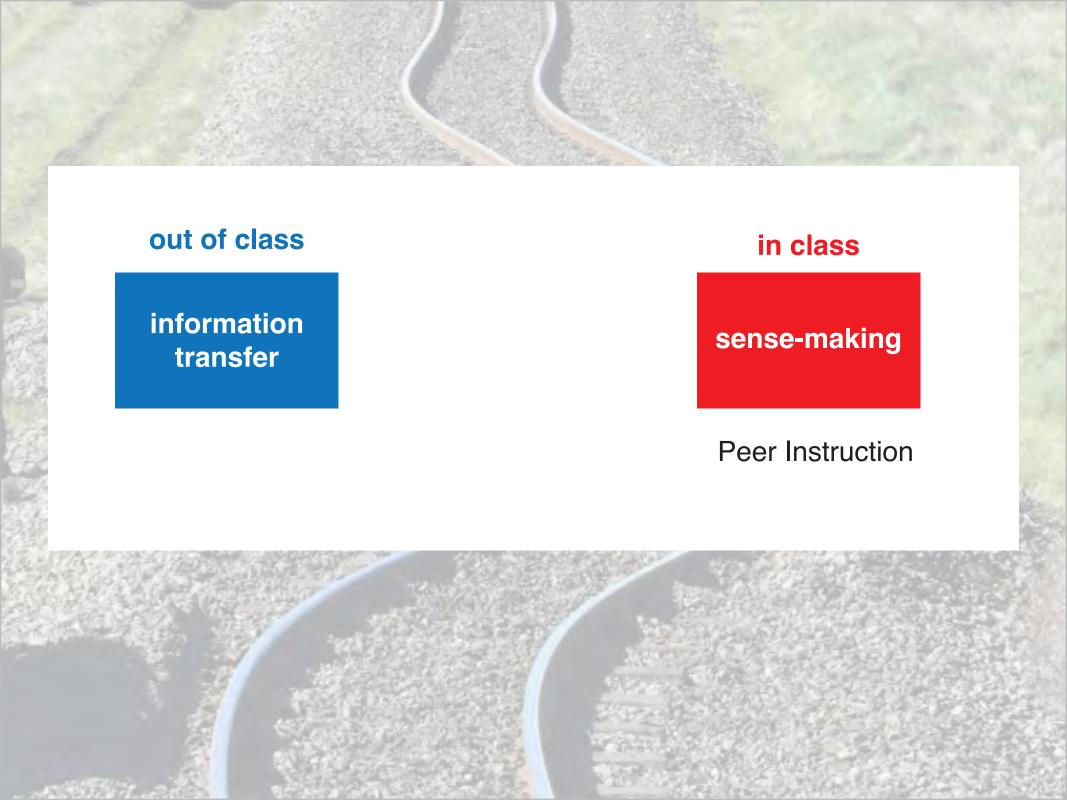




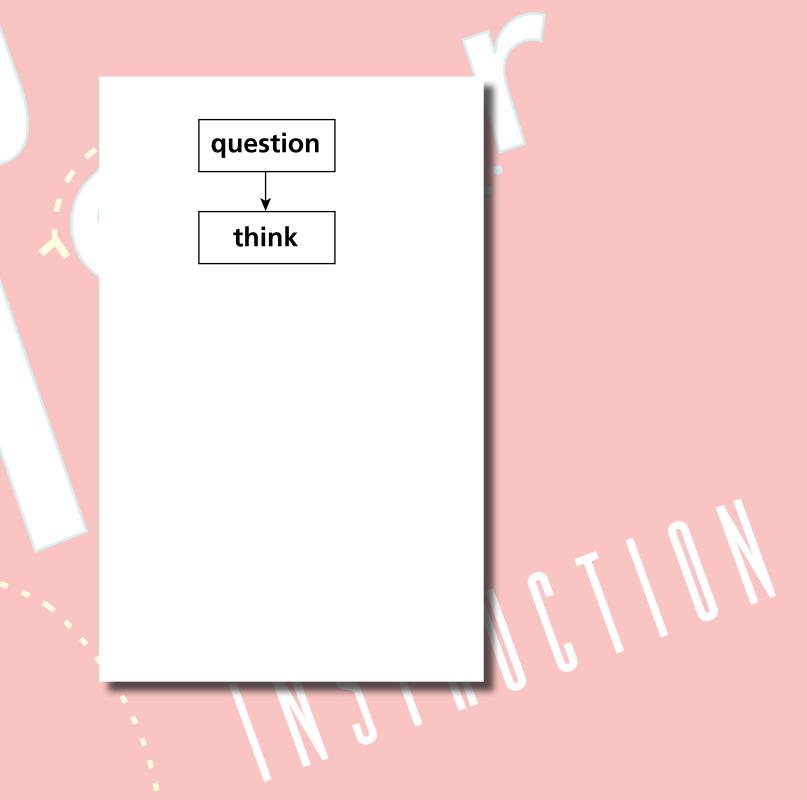


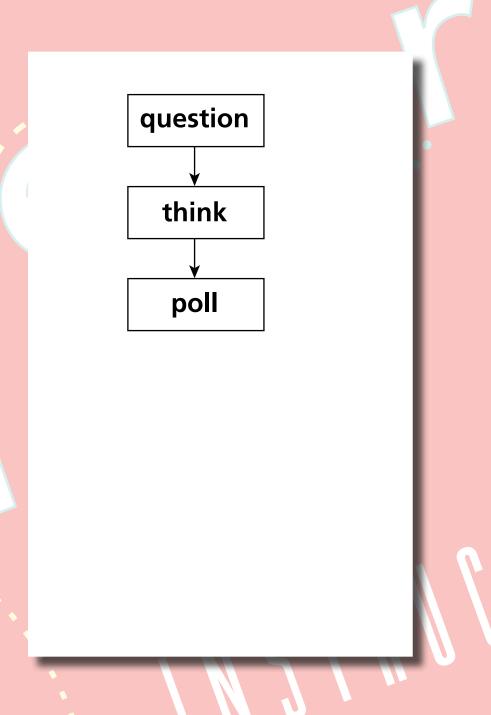


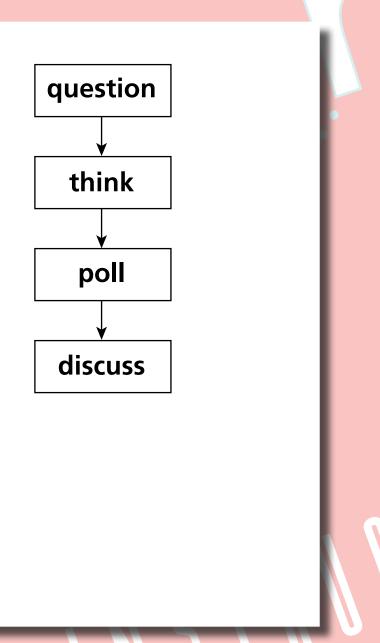


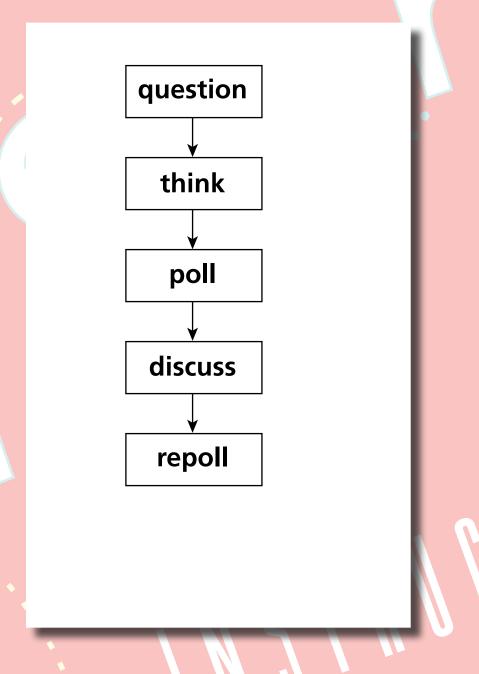


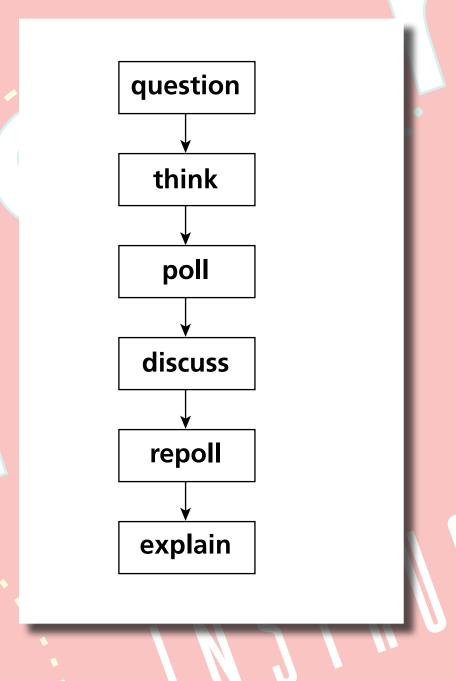


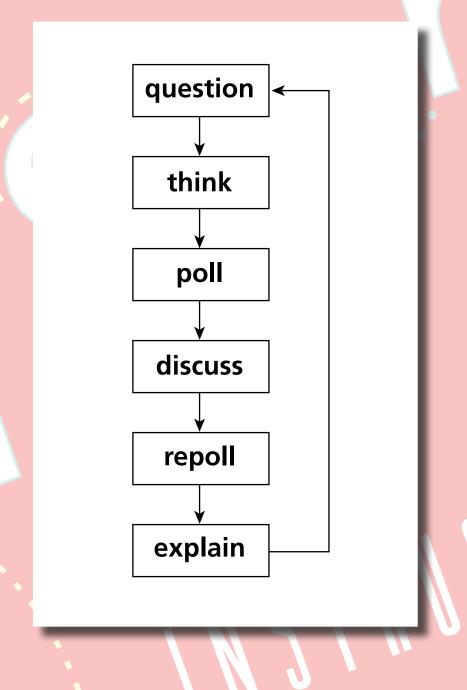


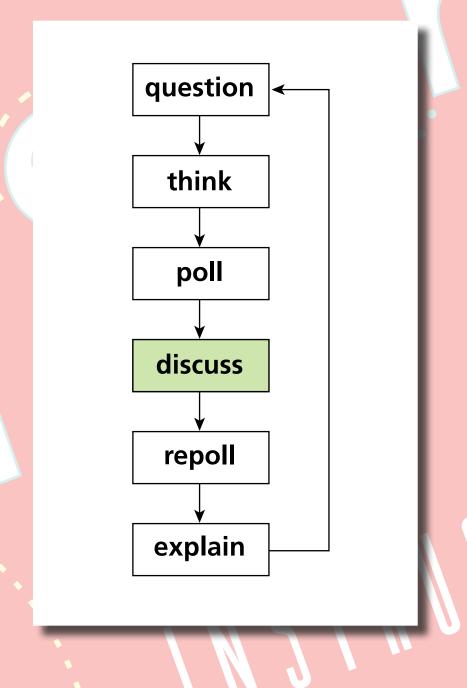




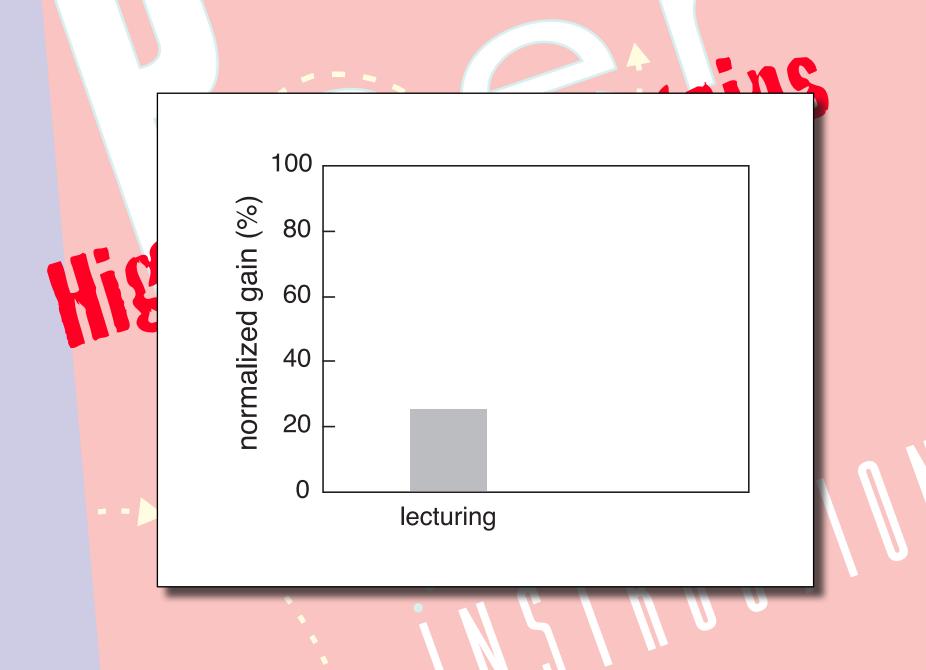


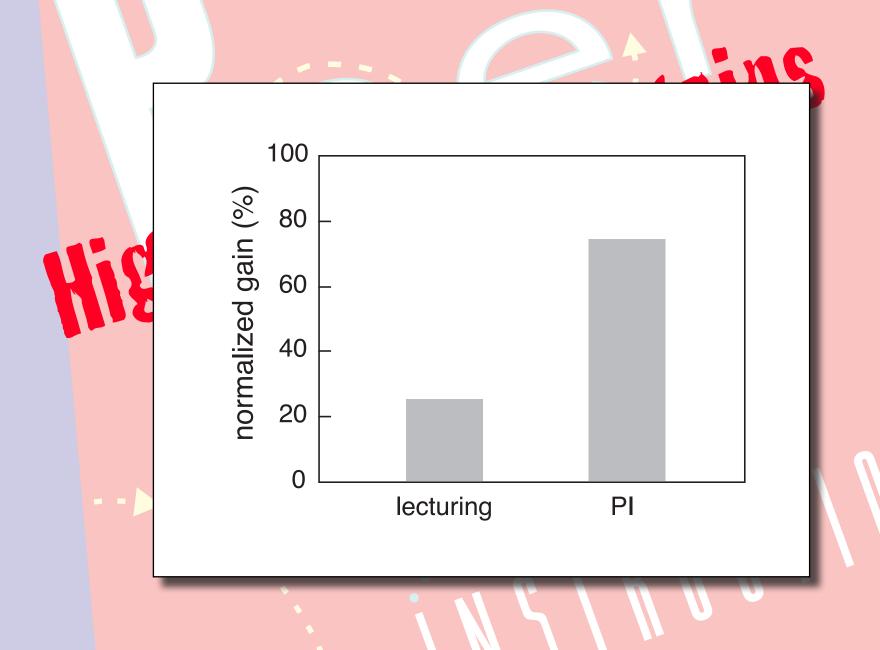






Higher learning gains





Higher learning gains Better retention

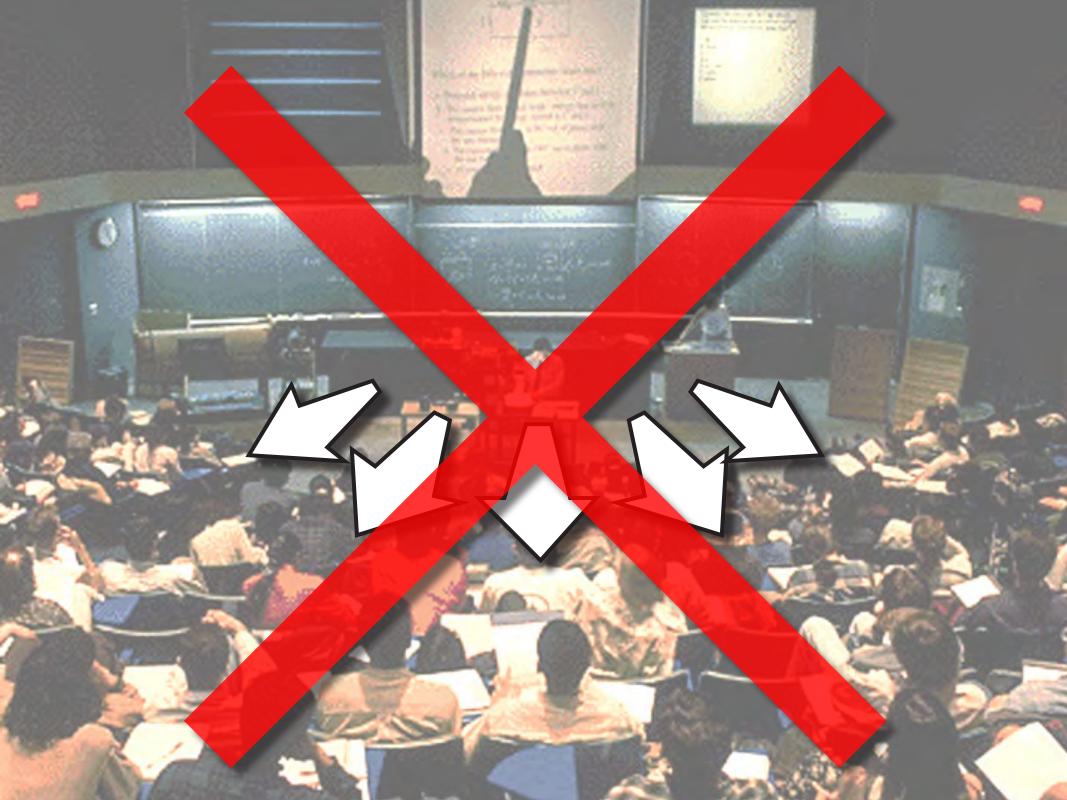
You are a triage nurse in a pediatric urgent care clinic and the following patients are waiting: You are a triage nurse in a pediatric urgent care clinic and the following patients are waiting:

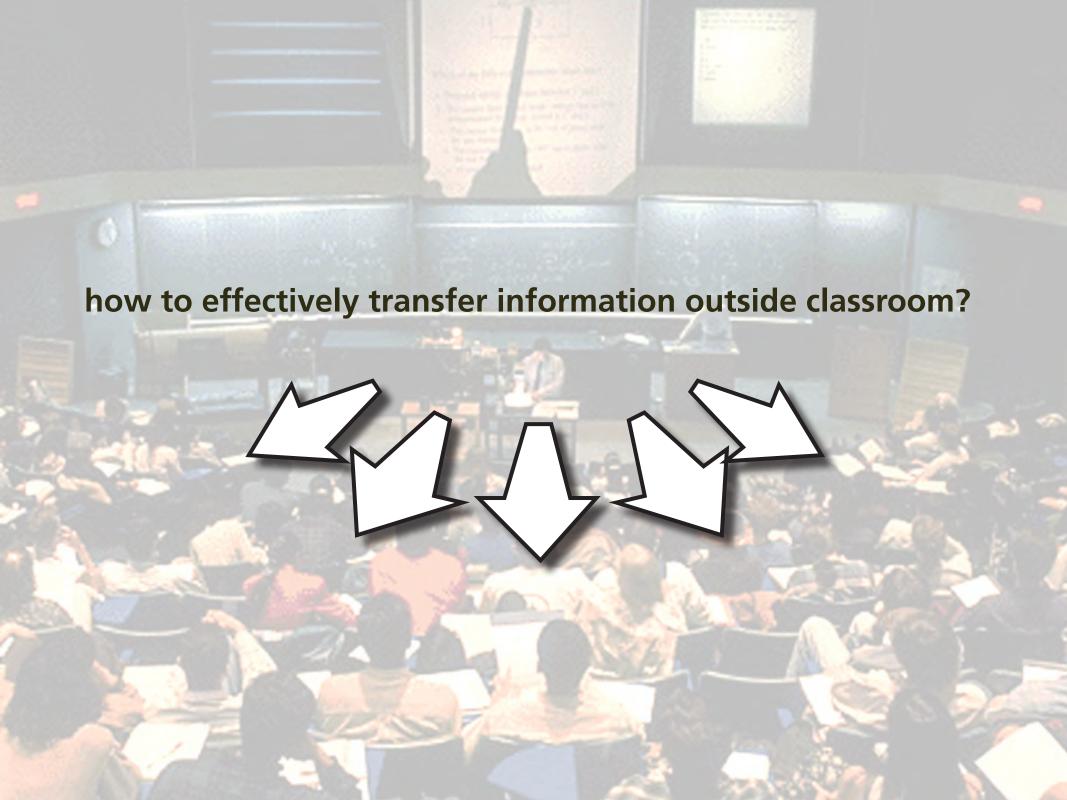
- 1. 3-yr old F with a FUO and T = 40 °C who is riding a tricycle in the waiting room
- 2. 6-wk old term M, cc: fussy breast, T = 38.6 °C
- 3. 14-yr old M with hx of epilepsy who had a seizure at home lasting 5 minutes about half hour ago

You are a triage nurse in a pediatric urgent care clinic and the following patients are waiting:

- 1. 3-yr old F with a FUO and T = 40 °C who is riding a tricycle in the waiting room
- 2. 6-wk old term M, cc: fussy breast, T = 38.6 °C
- 3. 14-yr old M with hx of epilepsy who had a seizure at home lasting 5 minutes about half hour ago

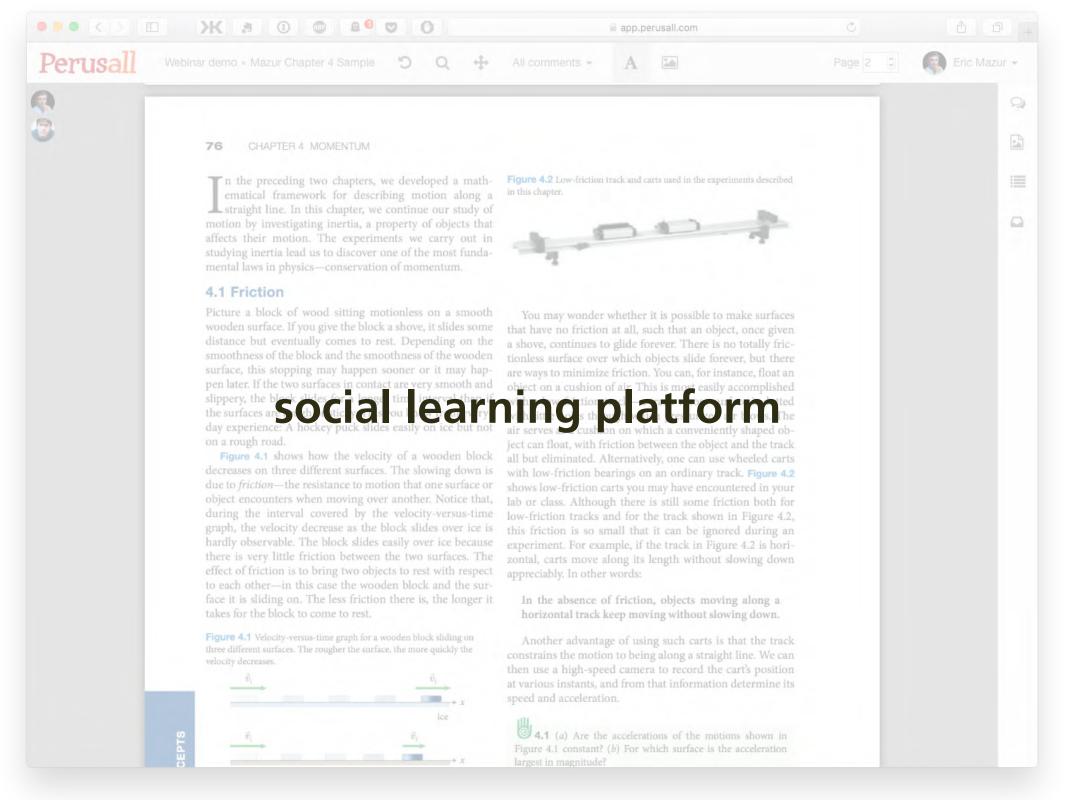
Whom would you triage first?

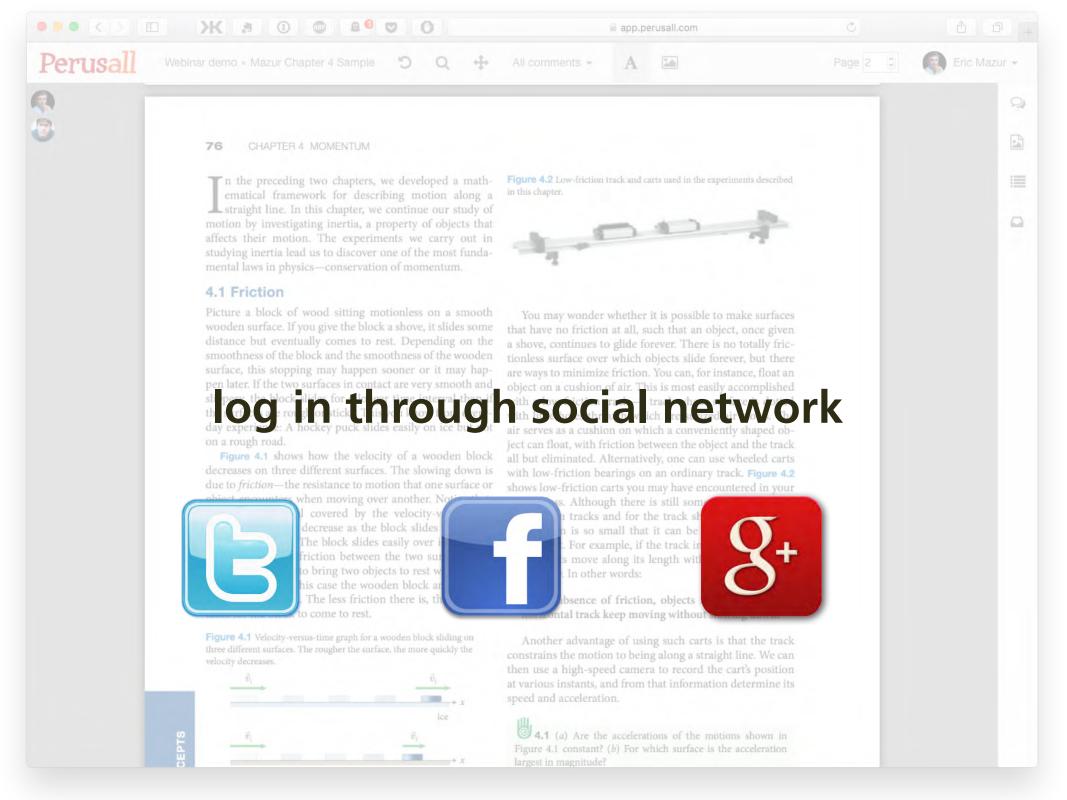


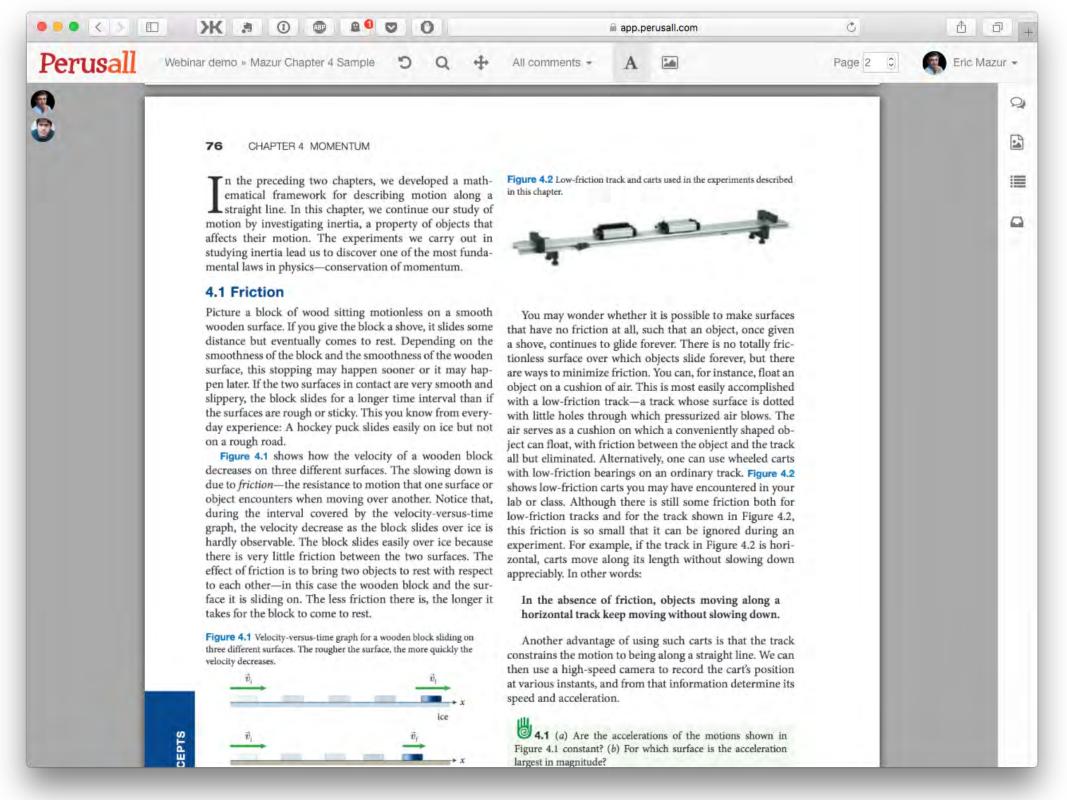


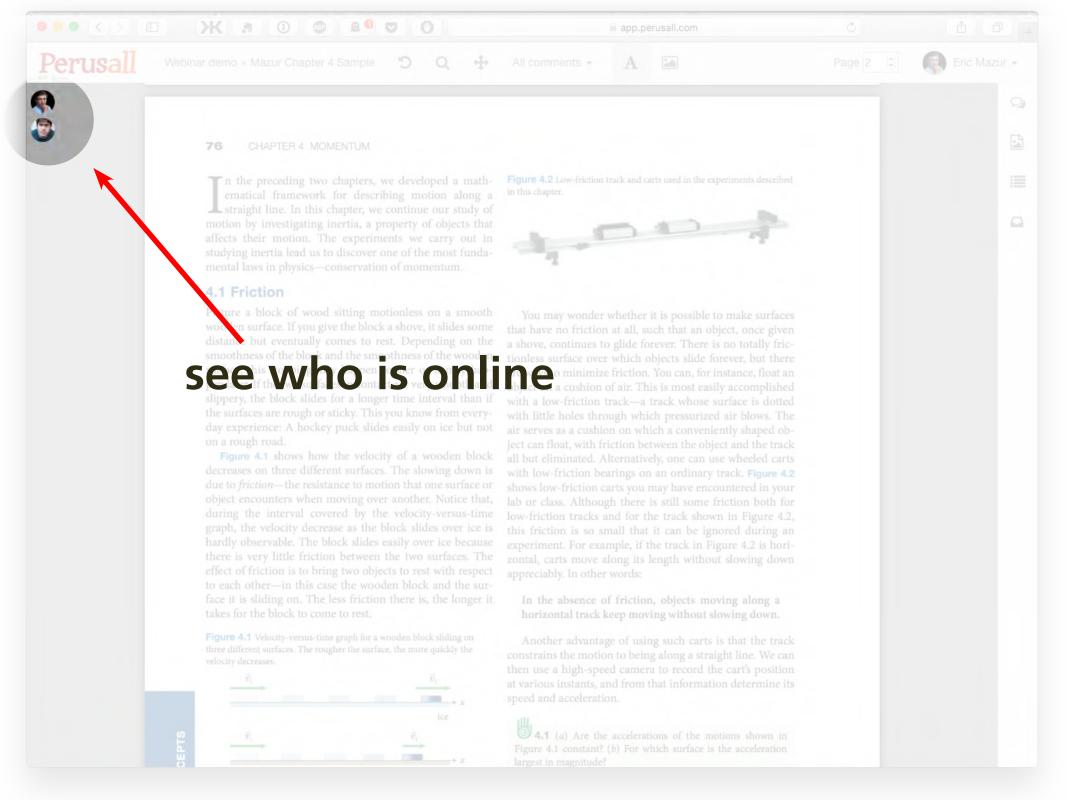
Solution

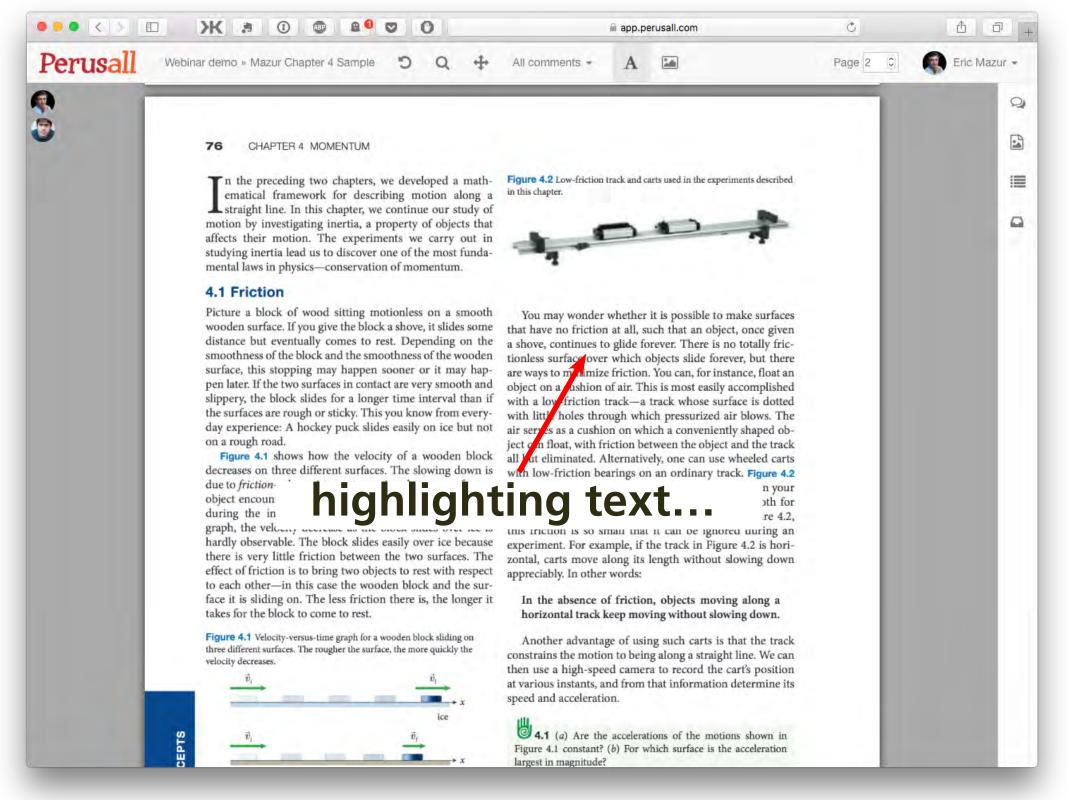
turn out-of-class component also into a social interaction!

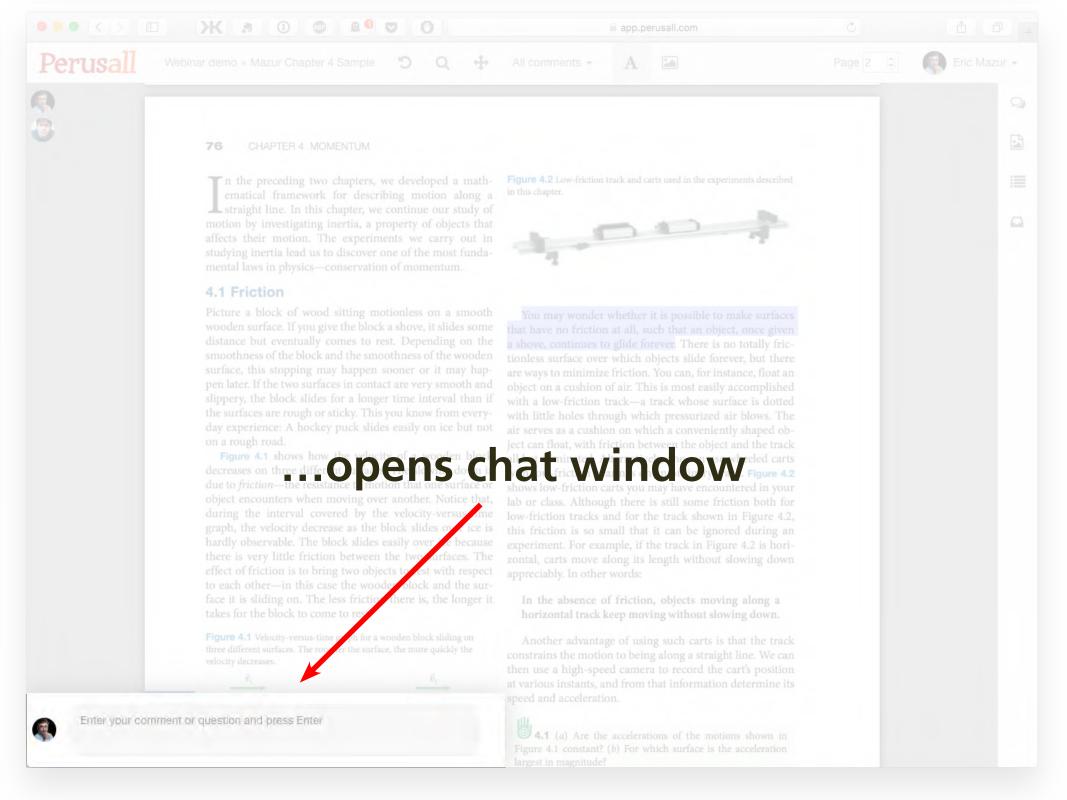


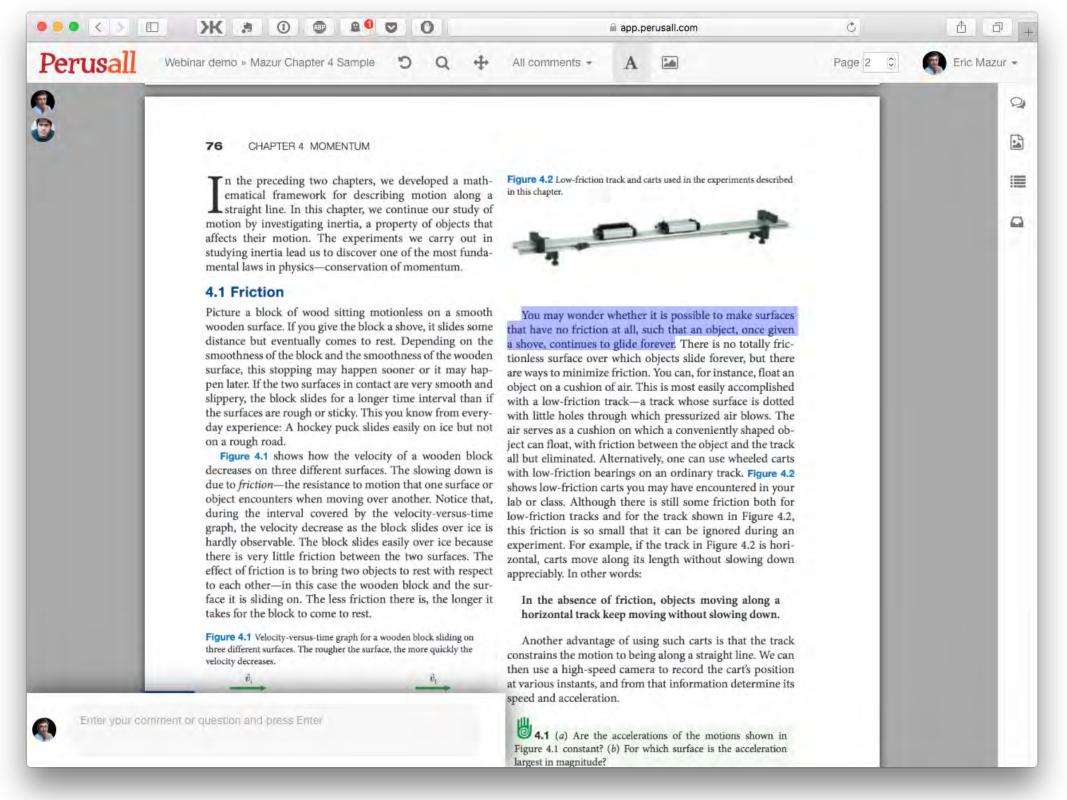


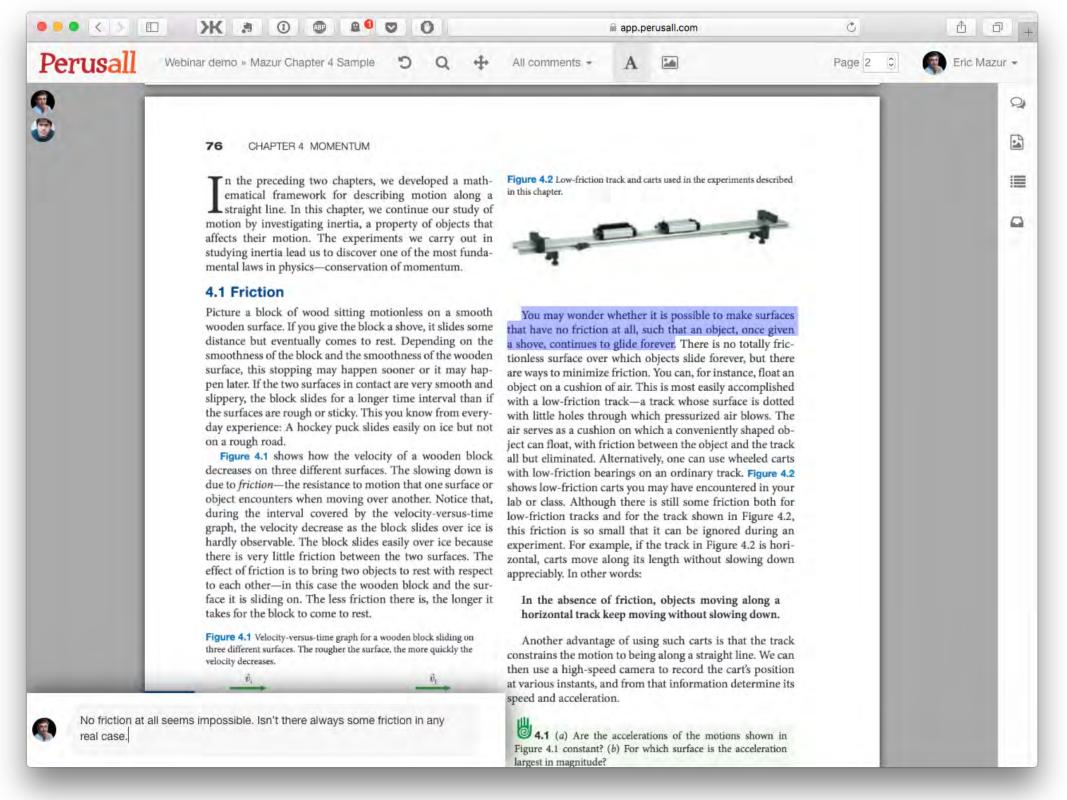


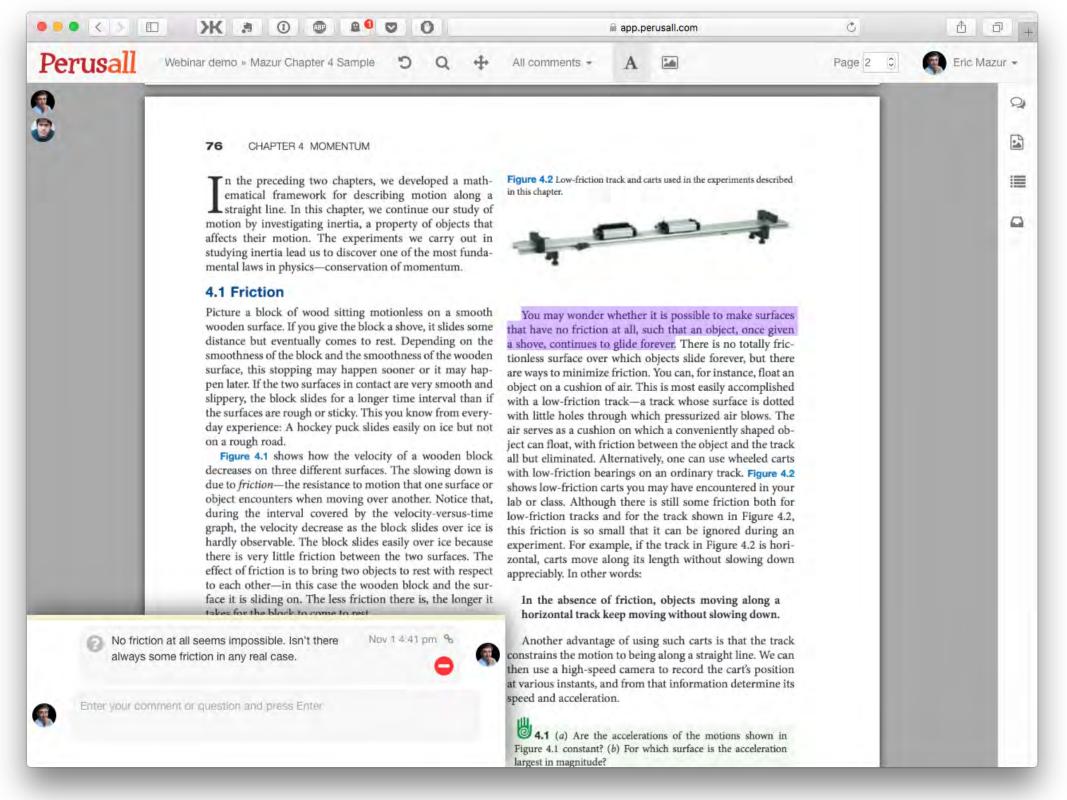


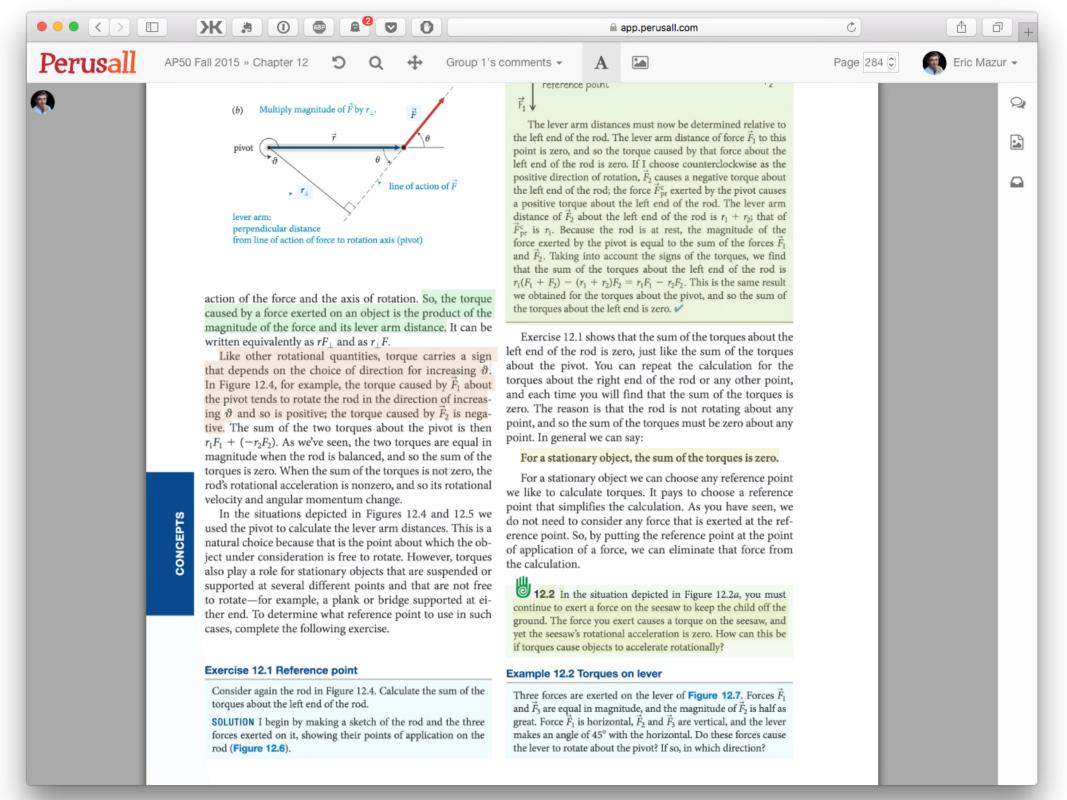


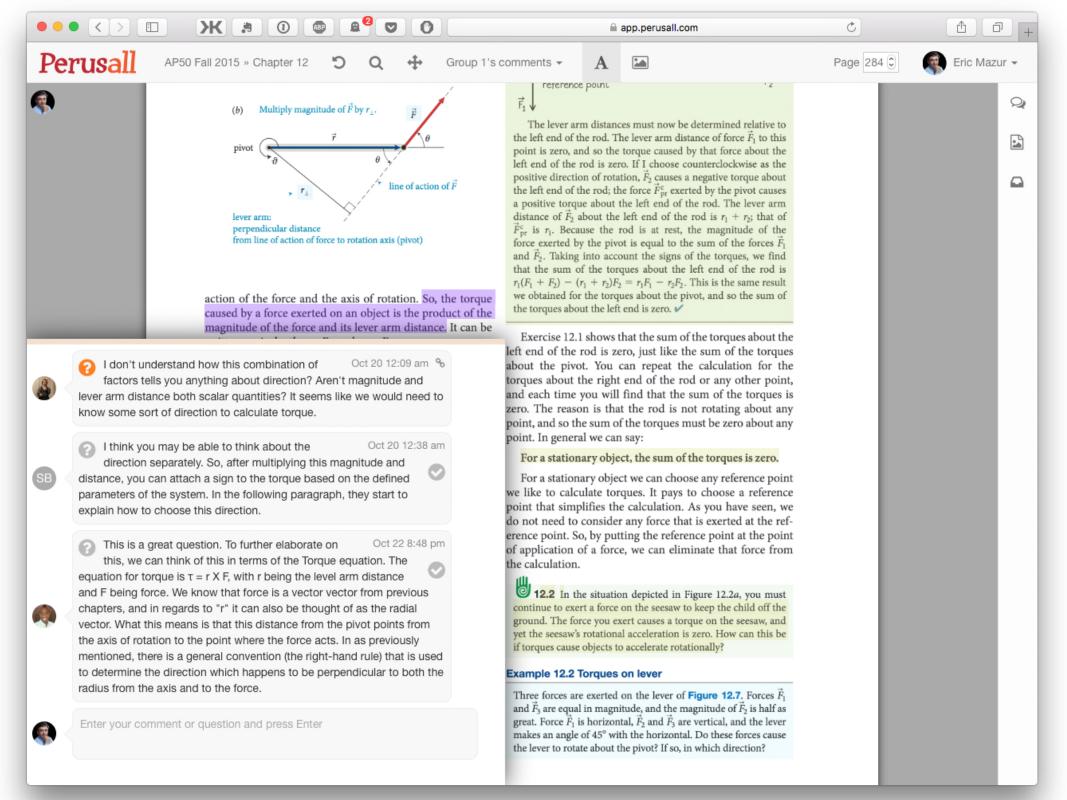


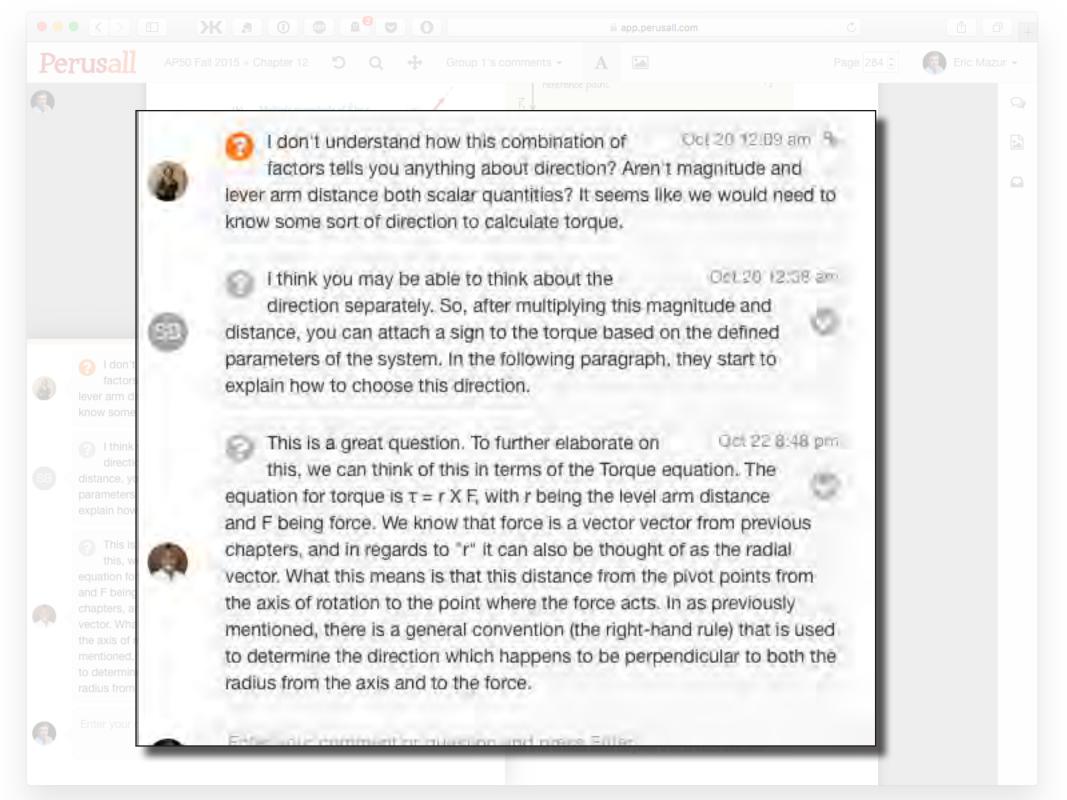


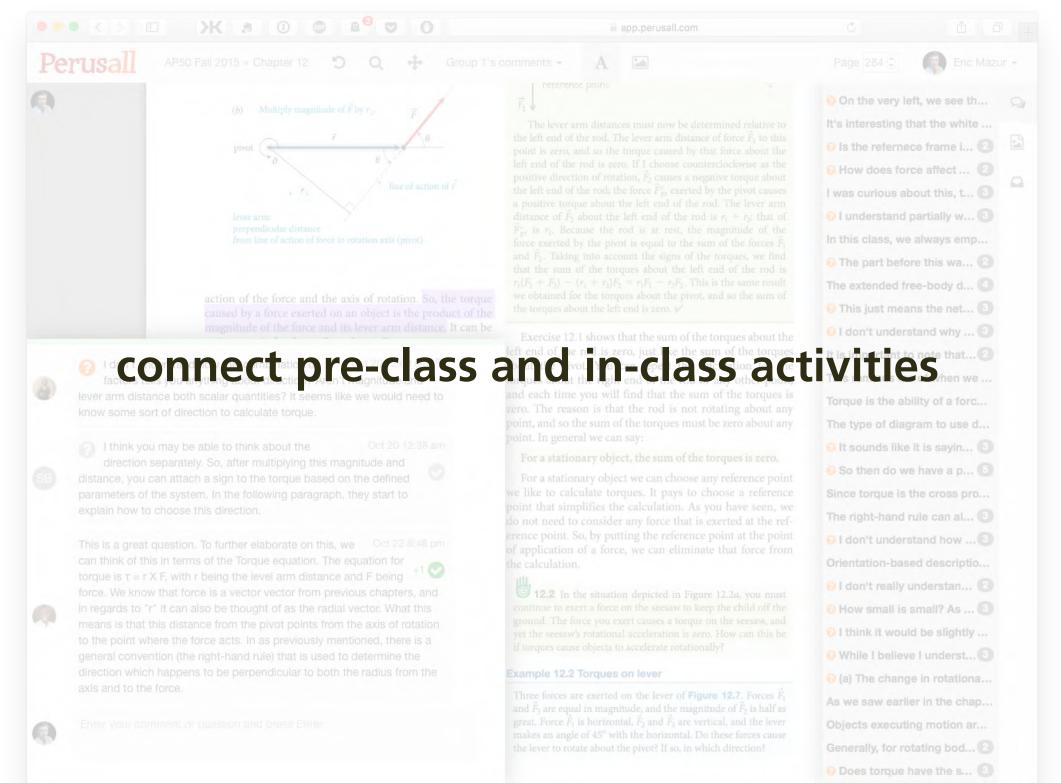












out of class

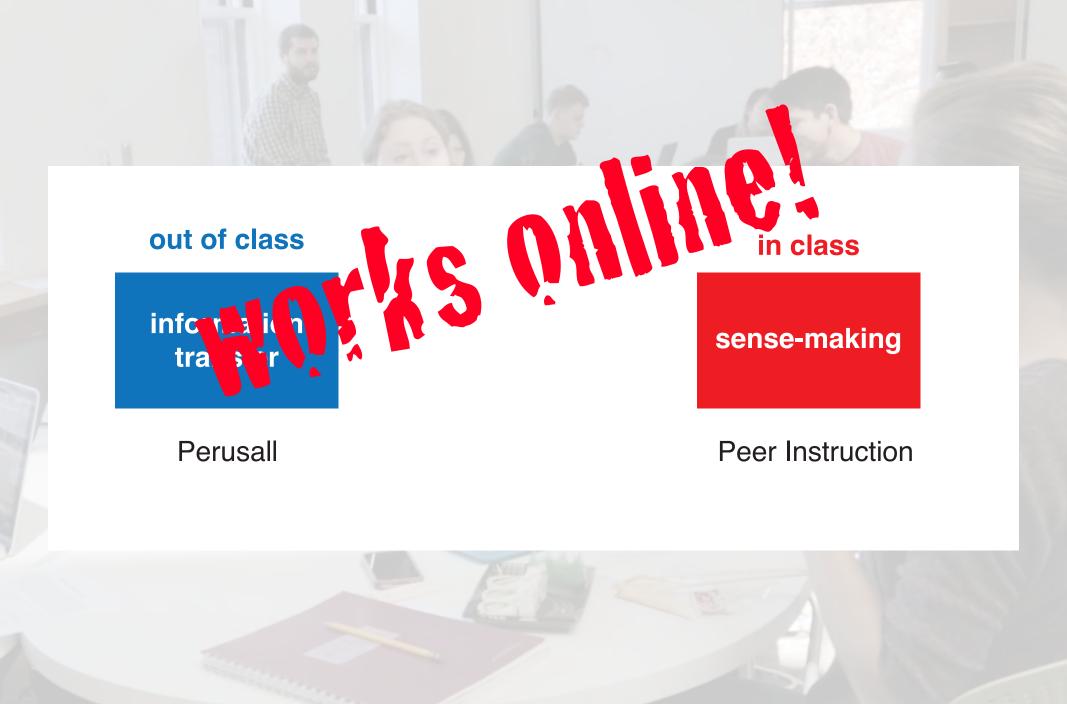
information transfer

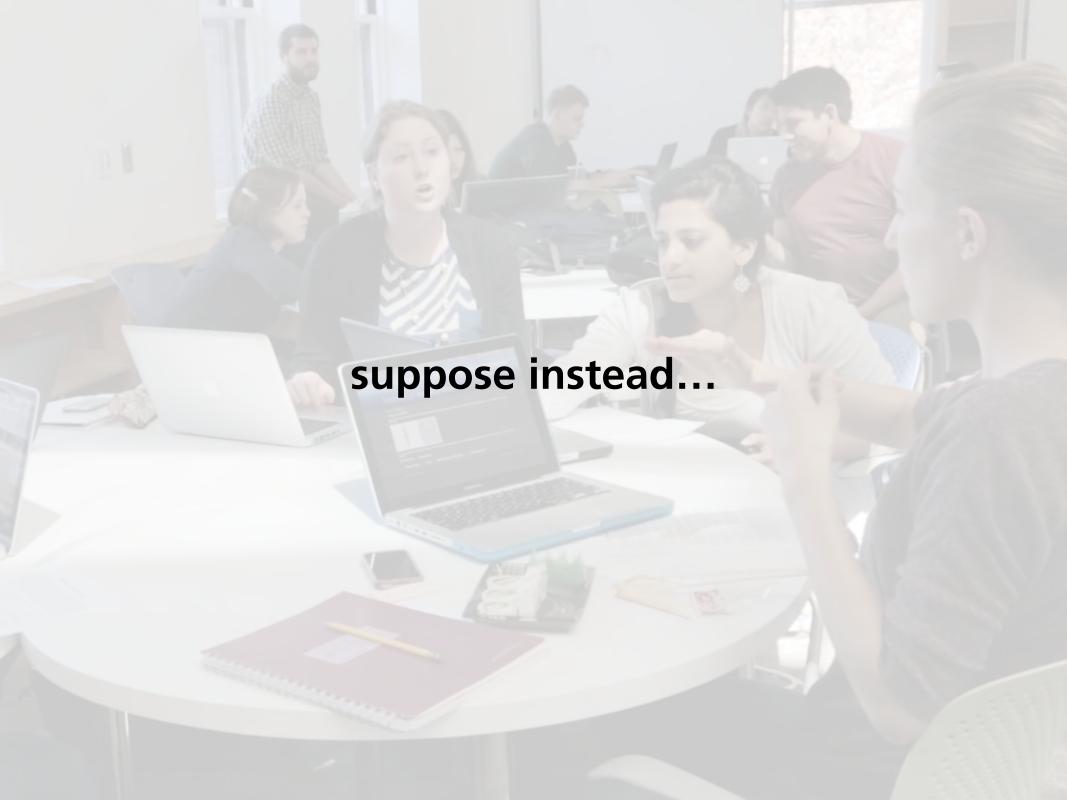
Perusall

in class

sense-making

Peer Instruction





information sense-making transfer

campus

information transfer

instructor-paced synchronous lecture

home

sense-making

self-paced asynchronous home work/study

campus information

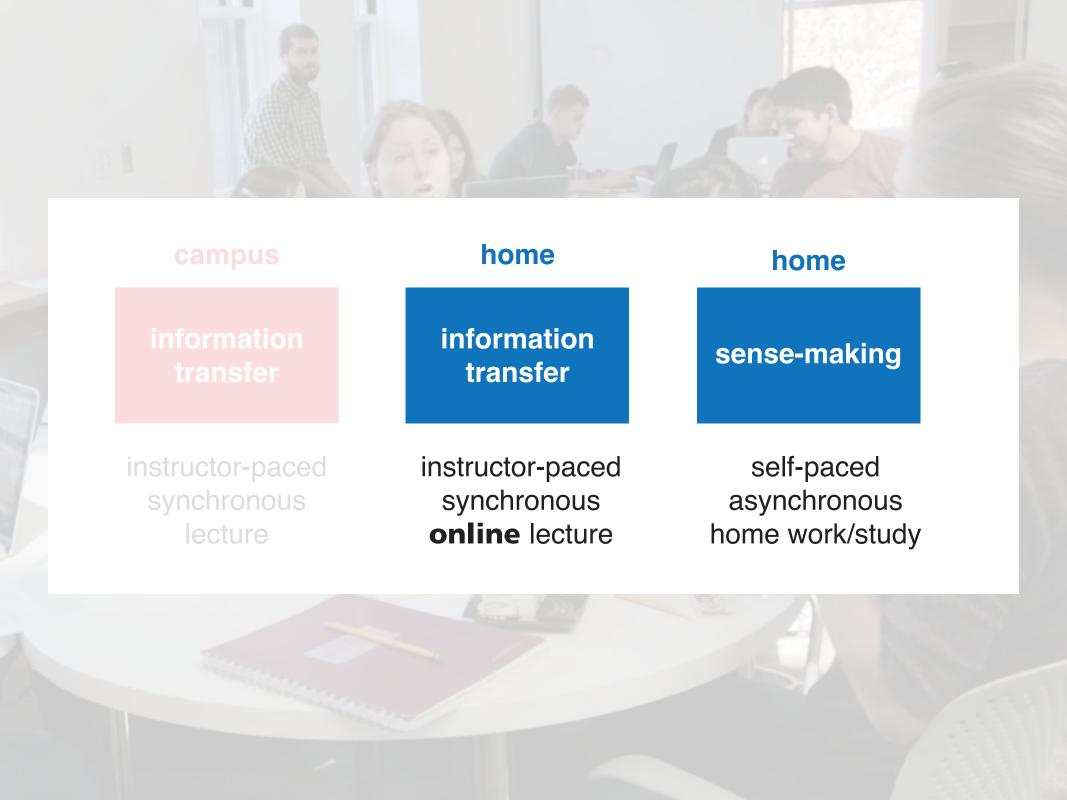
instructor-paced synchronous lecture

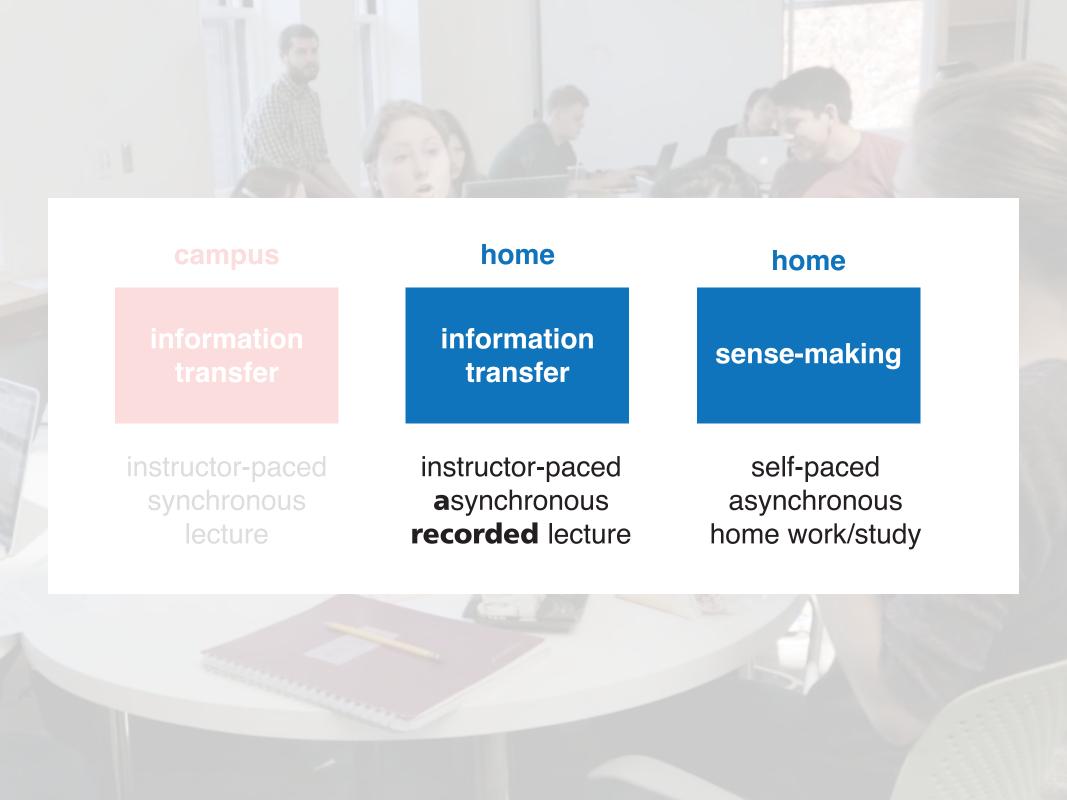
transfer

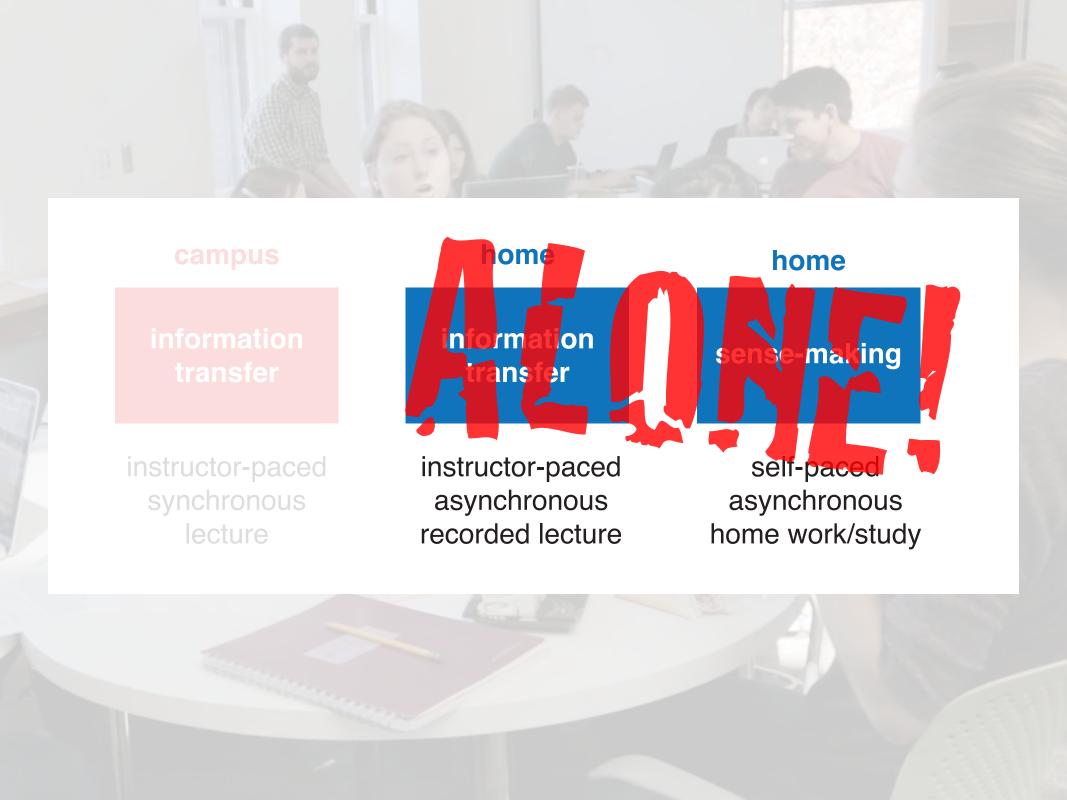
home

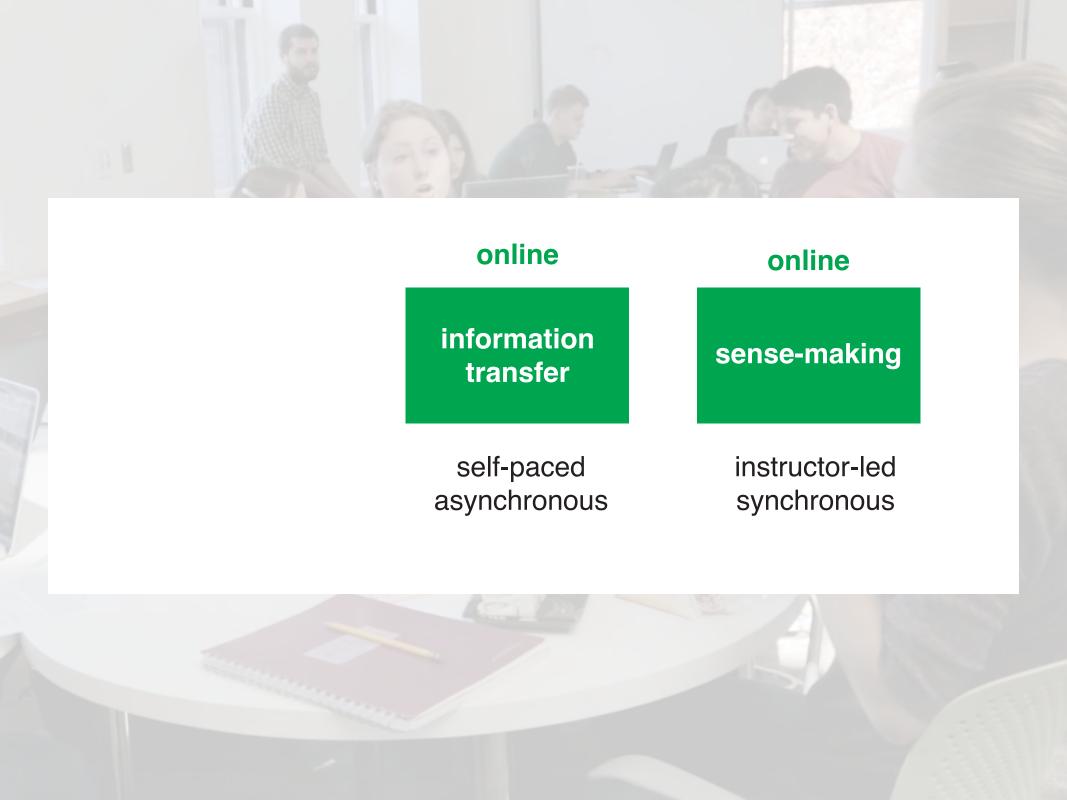
sense-making

self-paced asynchronous home work/study







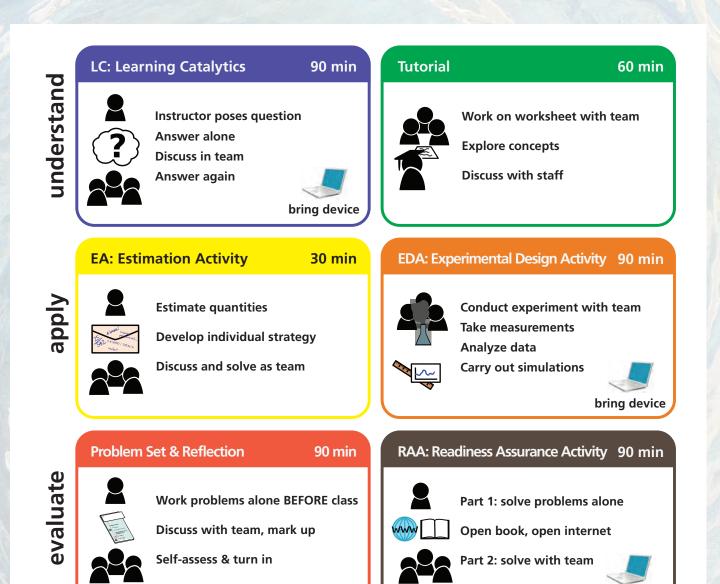






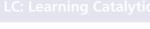
two evidence-based approaches

blend of 6 scaffolded "best practices"



bring device

let's try an RAA (2-stage exam)







back to Learning Catalytics!

join session ID 14666856



• enter the number of your team











evaluate

team-round instructions





• hands off keyboard (until in BO rooms)

designate a "responder"

• have responder share screen



evaluate











scoring summary

LC: Learning Catalytics

90 min

Tutorial

60 min

You have completed all of the questions.

5/5 questions attempted, 18.0/20 possible points in team round Q Score details

Question	Individual Result	Points	Team Result	Points	Total Points
1	Incorrect	0.0	Correct (on attempt 2)	2.0	1.0
2	Incorrect	0.0	Correct (on attempt 1)	4.0	2.0
3	Correct	4.0	Correct (on attempt 1)	4.0	4.0
4	Incorrect	0.0	Correct (on attempt 1)	4.0	2.0
5	Incorrect	0.0	Correct (on attempt 1)	4.0	2.0
Total		4.0		18.0	11.0

evaluat



Work problems alone BEFORE class

Discuss with team, mark up

Self-assess & turn in



Part 1: solve problems alone



Open book, open internet



art 2: solve with team



bring device

Education is not just about:

transferring information

getting students to do what we do

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getting students to do what we do

active engagement/social interaction a must!

mazur.harvard.edu

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