

Figure 1

# simple vote



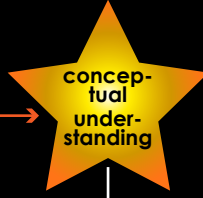
lecture

"it would be good to find out what students are thinking about this issue"

"do my students remember this important fact from my previous lecture?"

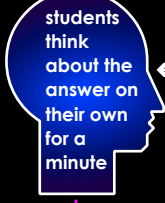
"are my students able to solve a simple problem using the concepts I taught them"

"what would my students choose to do in the following situation and how would they justify their decision?"



vote

can they apply what they learned to a particular situation?



think pair share

great, they remember it!

peer discussion



vote

is the class split 50/50? or is it polarized toward one particular view? how are students opinions different from each other and from yours?

use this opportunity to discuss study skills with your students

ask students to discuss with their neighbor why they chose what they chose

1X

students have now voted twice

peer instruction

is there a single correct answer?

YES

did 30-70% students pick it?

NO

> 70% picked the correct answer

> 70% picked the wrong answer

the question is too difficult for your students at this time

class discussion



did students choose a different answer after discussing with their neighbor? why or why not?

most of them get it, so move on! but give explanation and resources for those who don't

keep teaching and ask a question on the same concept later

why did students vote for what they voted?

A.



Bachelor Physics Course (n = 59)



Bachelor Genetics Course (n = 108)

B.

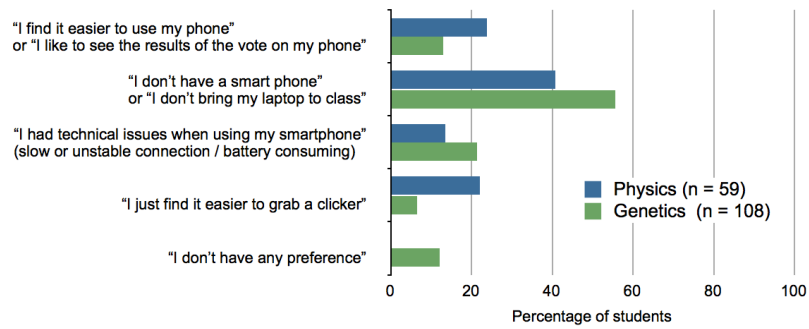


Figure 3