

## Ready, Set, React! Getting the most out of peer instruction with clickers Peter Newbury Department of Physics and Astronomy newbury@phas.ubc.ca Twitter: @polarisdotca blog: blogs.ubc.ca/polarisdotca



With the right peer instruction choreography and some anticipation of how students will vote, you have the opportunity to make every clicker question a "golden moment" where students learn, right before your eyes. This poster illustrates one way to run an effective peer instruction episode and gives options for reacting to students' clicker votes.



Don't read the question aloud: they're reading, not listening and your voice may give away the answer.

It's critical they answer on their own because they need time to think and prepare for any upcoming discussion with their peers Give the students **sufficient time** to select a choice. What's sufficient? Read the question yourself, word for word, think through each choices and pick one. Then watch the students. You'll see, hear fidgeting when they're ready.

[No] please vote. Open the poll.

## If you've given them sufficient time, you can collect all the votes in 10 – 15

seconds.

the popular choice on the 2<sup>nd</sup> vote even if it's not the answer they've decided is correct.

Look at the i>clicker display to see how the students voted. Then react – see below for some typical scenarios. Carry on with the next mini-lecture, knowing your students are prepared.

Yes, A is correct



Everyone knows the answer.

Show histogram

