

# HERODOTUS HIVE!



“This is the showing forth of the Inquiry of Herodotus of Halicarnassos, to the end that . . . that the causes may be remembered for which these waged war with one another.”

**HERODOTUS, *THE HISTORIES***





# OK, HERE'S HOW THIS WILL GO DOWN

- ➔ **commit to at least 4**
- ➔ **AA date announced w/focus**
- ➔ **flipped skill lesson shown**
- ➔ **models and new questions**
- ➔ **tips & "peer instruction"**

# THE POWER OF PEER INSTRUCTION

- ➔ ASU Physics Dept
- ➔ huh, well not my Harvard kids
- ➔ whoa
- ➔ let's try something different
- ➔ the power of peer instruction



Serendipity provided the breakthrough he needed. Reviewing the test of conceptual understanding, Mazur twice tried to explain one of its questions to the class, but the students remained obstinately confused. “Then I did something I had never done in my teaching career,” he recalls. “I said, ‘Why don’t you discuss it with each other?’” Immediately, the lecture hall was abuzz as 150 students started talking to each other in one-on-one conversations about the puzzling question. “It was complete chaos,” says Mazur. “But within three minutes, they had figured it out. That was very surprising to me—I had just spent 10 minutes trying to explain this. But the class said, ‘OK, We’ve got it, let’s move on.’”



“Here’s what happened,” he continues. “First, when one student has the right answer and the other doesn’t, the first one is more likely to convince the second—it’s hard to talk someone into the wrong answer when they have the right one. More important, a fellow student is more likely to reach them than Professor Mazur—and this is the crux of the method. You’re a student and you’ve only recently learned this, so you still know where you got hung up, because it’s not that long ago that you were hung up on that very same thing. Whereas Professor Mazur got hung up on this point when he was 17, and he no longer remembers how difficult it was back then. He has lost the ability to understand what a beginning learner faces.”

# WHAT'S IN IT FOR YOU?

- ➔ **NHS Service Hours**
- ➔ **teaching is practicing**
- ➔ **application/resume**
- ➔ **satisfaction of helping others?**



HERODOTUS  
HIVE!



The  
**HISTORY**chase  
LET'S MAKE HISTORY EXTRAORDINARY

