



CLICKING TO UNDERSTAND

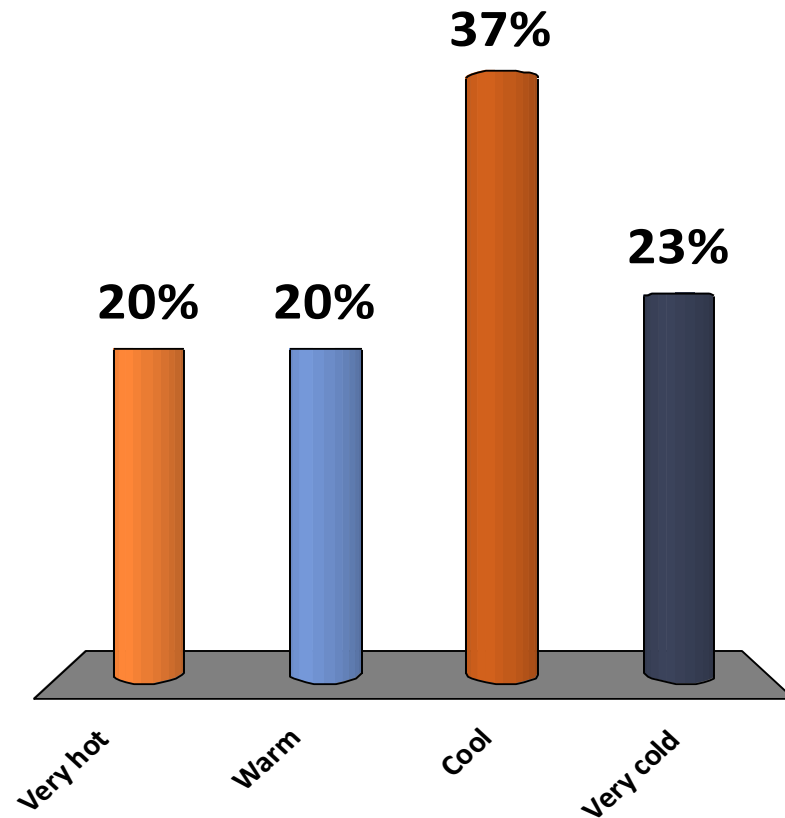
Sue McMillen

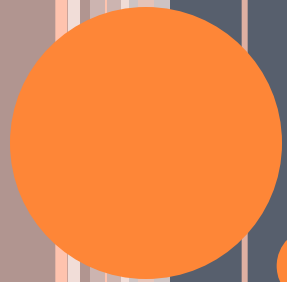
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THE TEMPERATURE ON THE SUN IS

1. Very hot
2. Warm
3. Cool
4. Very cold





PEER INSTRUCTION

Anatomy of a clicker question



From the Writing Effective Clicker Questions webinar, Stephanie Chasteen

PEER INSTRUCTION

- Pose a question and have the entire class respond
 - If more than 70% respond correctly, give a brief explanation and move on.
 - If between 30% and 70% respond correctly, have students talk to a peer with a different answer. Then ask the same question again.
 - If fewer than 30% respond correctly, revisit the concept with another question after further explanation. Also consider that the question may be too difficult.

Eric Mazur, Harvard



PEER INSTRUCTION (ERIC MAZUR)

- Pose a question (1 minute)
- Students think individually (1 minute)
- Students record individual answers on paper or with a student response system.
- In small groups, students try to convince their neighbors of their answers (2-5 minutes).
- Students individually record revised answers.
- Through student response systems or a show of hands, students individually record revised answers.
- Several small groups explain their group discussion and consensus, if any.
- Instructor explains correct answer.

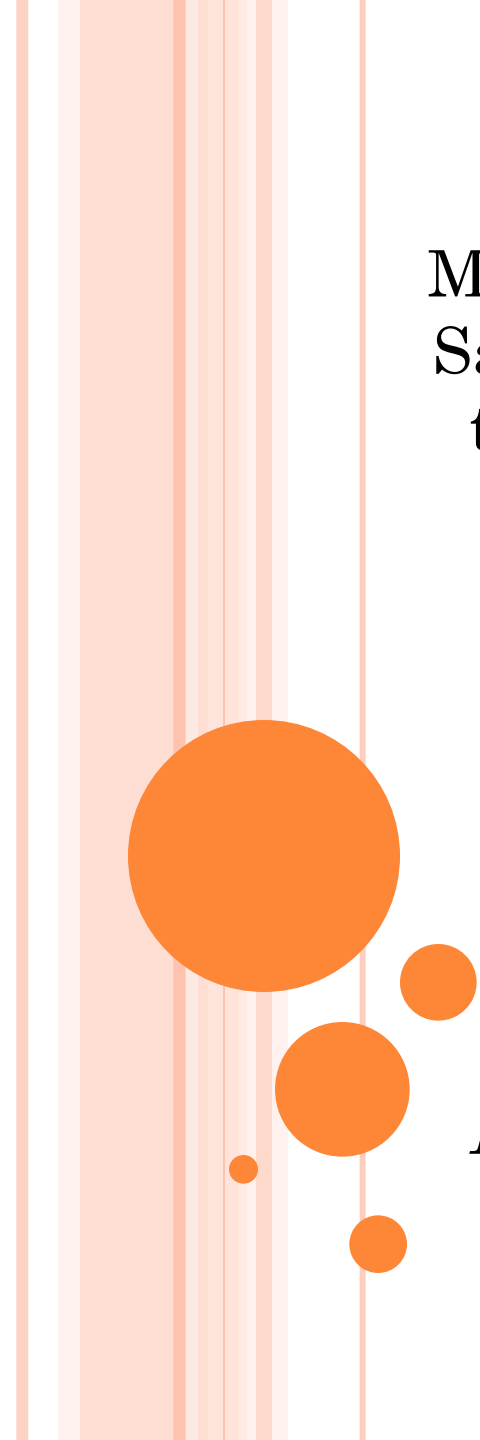




GETTING YOUR STUDENTS TO DO THE READING

- Poll students about their reading
- Mid-semester reflections
- Quiz on reading
- Check answers
- Conditional branching
- How would the author respond to ...
- Lead into discussion



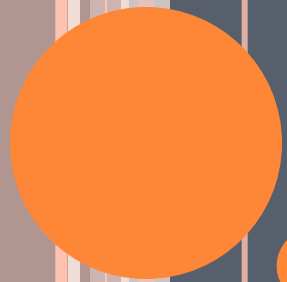


Megan drank too much alcohol with her friends Saturday night. She got very drunk and was ill the next day. What does cognitive dissonance theory predict will happen?

A) Megan will do it again

B) Megan will not do it again

Discuss with your neighbor under what conditions A and B could be correct.



DISCUSSIONS

- Everyone has a “voice”
- More accurate responses to sensitive questions
- Discuss and generate choices
- Opinions to open discussion
- Experience question before opinion question
- Comparisons
- Questions with no correct answers
- Questions with all correct answers
- Identify who is NOT in the room





- How sure are you?
- Choice of “I have no idea.”



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