Retesting the Test: Engaging Students with Post-Test Feedback

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Post-Test Feedback Issues

• It’s a day Off!

• Missed Opportunities
  – Feedback improves learning
  – Fail to correct errors of logic
  – Retain badly worded questions
How do you return tests?

• Teaching Squares Experience
  – Return the exam. Any questions?
  – Review the answers question by question

• Revise and resubmit for partial credit
Research on Feedback

• Increases the payback to multiple-choice testing

• Corrective feedback

• Delayed feedback
Cooperative Learning

• Positive Interdependence
• Individual accountability and responsibility
• Equal participation
• Simultaneous interaction

*Cooperative Learning for Higher Education Faculty*, Barbara J. Millis and Philip G. Cottell, Jr.

*Cooperative Learning in Higher Education*, Barbara J. Millis
Retest Activity

• Work in assigned pairs

• Use book and notes

• Retake the multiple-choice portion of the exam

• Both scores included in test grade
Student Responses

Evidence of Learning

– CC
– CC'
– C'C'
– C'C

Evidence of Learning

• C'C 81.25%
• CC' 8 students

Cumulative Items

• 82% Test 2
• 94% Retest 2
The Retest improves understanding of missed questions better than having the instructor review answers in class.
I think that I learned something new during the retest

Percent Frequency

Strongly disagree: 0.0%
Disagree: 0.0%
Undecided: 0.0%
Agree: 25.0%
Strongly agree: 75.0%
Gains to Instructors

• Students engage with material one more time
• Eaves dropping—understand their logic errors
• Opportunity to teach test-taking skills in context
• Identify “bad” questions
Questions?

Thank you
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