

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

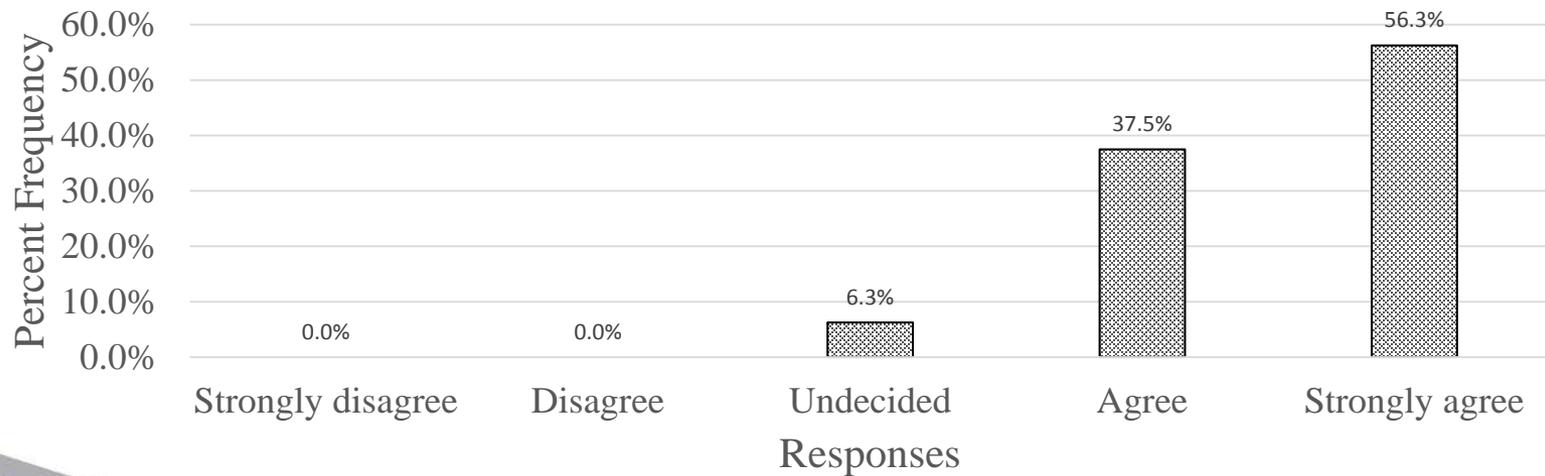
- C'C 81.25%
- CC' 8 students

Cumulative Items

- 82% Test 2
- 94% Retest 2

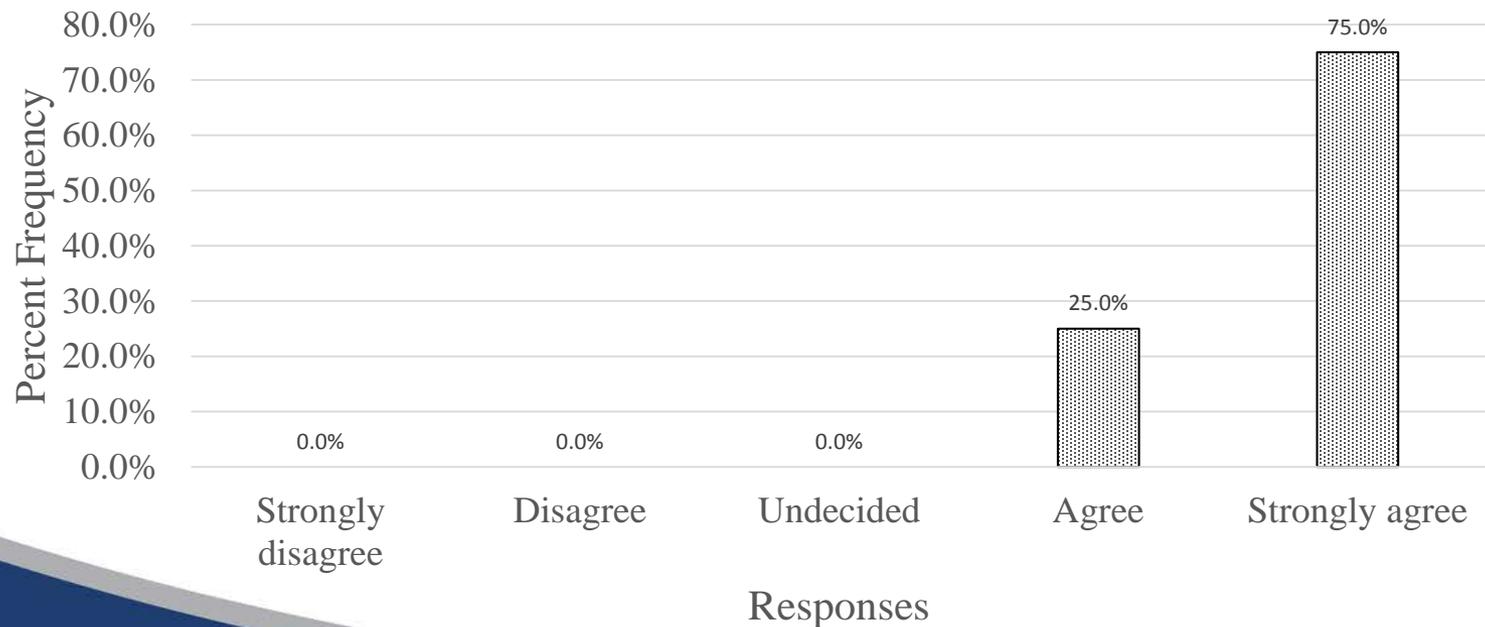
Student Responses

The Retest improves understanding of missed questions better than having the instructor review answers in class



Student Responses

I think that I learned something new during the retest



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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