




What discipline do you teach?



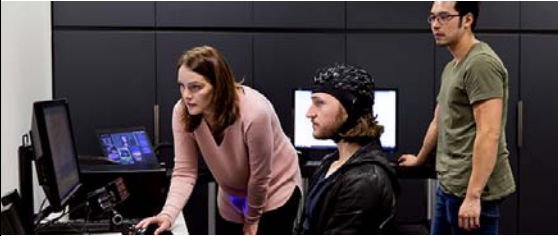
Enhance Student Learning Using Frequent Low-Stakes Assessment



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Overview of Research



Which activity enhances learning?

Studying Testing




The Testing Effect

“Taking a test ... can have a greater positive effect on future retention ... than ... restudying ...” (Roediger et al., 2006, p. 181)

Research on the brain (Eriksson et al., 2011)

- Repeated retrieval of information leads to higher brain activation during testing
- Thus, testing may change the brain to enhance memory consolidation



McDaniel et al. (2015)

- Material: Research Methods Course
- Procedure:
- 1st session:
read for 45 minutes
- 2nd session:
Grp 1: Study Study Study
Grp 2: Test Study Test
Grp 3: Test Test Test
- 3rd session:
Test

Question Type	SSS (N=35)	TST (N=36)	TTT (N=36)
Application	~0.65	~0.75	~0.70
Definition	~0.60	~0.68	~0.62



Based on the research, can you think of a tool/method you already use for low-stakes assessment?

Tools and Methods for Frequent Low-Stakes Assessment

- High Tech
 - Kahoot
 - Socrative
 - Poll Everywhere
 - Your LMS (Blackboard, Moodle, Canvas, ...)
- Low Tech
 - Finger quiz
 - Think/Pair/Share
 - Exit permit

Technology

The tools described on your handout are selected from a competitive marketplace; products are often upgraded to include features offered by competitors. The market is in a constant state of change.

The Finger Quiz

Which sequence of Studying and Testing was most Effective for Delayed Recall according to McDaniel et al. (2015)?
 (Vote with your Fingers 🙌...)

1. SSS
2. TST
3. TTT

Try Kahoot

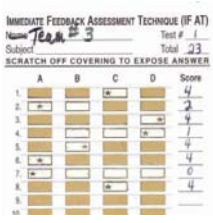
In browser, go to kahoot.it

Student link




Taking a quiz can be fun....

Scratch off answer
 Keep trying until correct
 Great review activity



	A	B	C	D	Score
1.					4
2.					2
3.					4
4.					7
5.					4
6.					4
7.					0
8.					4
9.					
10.					

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