Three Research Findings and Two Activities that will Change the Way you Teach

Simple Strategies for Student Success
Kansas State University

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Pashler, McDaniel, Rohrer, & Bjork, 2009

Learning Styles: Concepts and Evidence
Carol Dweck, 2006

# Problems Solved

- - - - - - - - - - Standard

Trial 1  Trial 3
Carol Dweck, 2006

- Entity – fixed, less risk, look smart, criticism is about self
- Incremental – growth, accepting challenge, failure is opportunity, criticism is about task
Proportion of ideas recalled

Retention Interval For Final Test

Karpicke & Roediger, 2007

SSSS
SSST
STTT

Proportion of ideas recalled

0.40
0.50
0.60
0.70
0.80

5 Minutes
1 Week

Retention Interval For Final Test
Activities

Card Passing – Todd Zakrajsek
- write in way that is not obvious
- provide prompt
- respond individually
- trade cards
- discuss cards

Numbered Heads Together – Barbara Millis
- one piece of paper per group
- short time frame to generate response to prompt
- discuss items on group list
- report out one item per group rotating