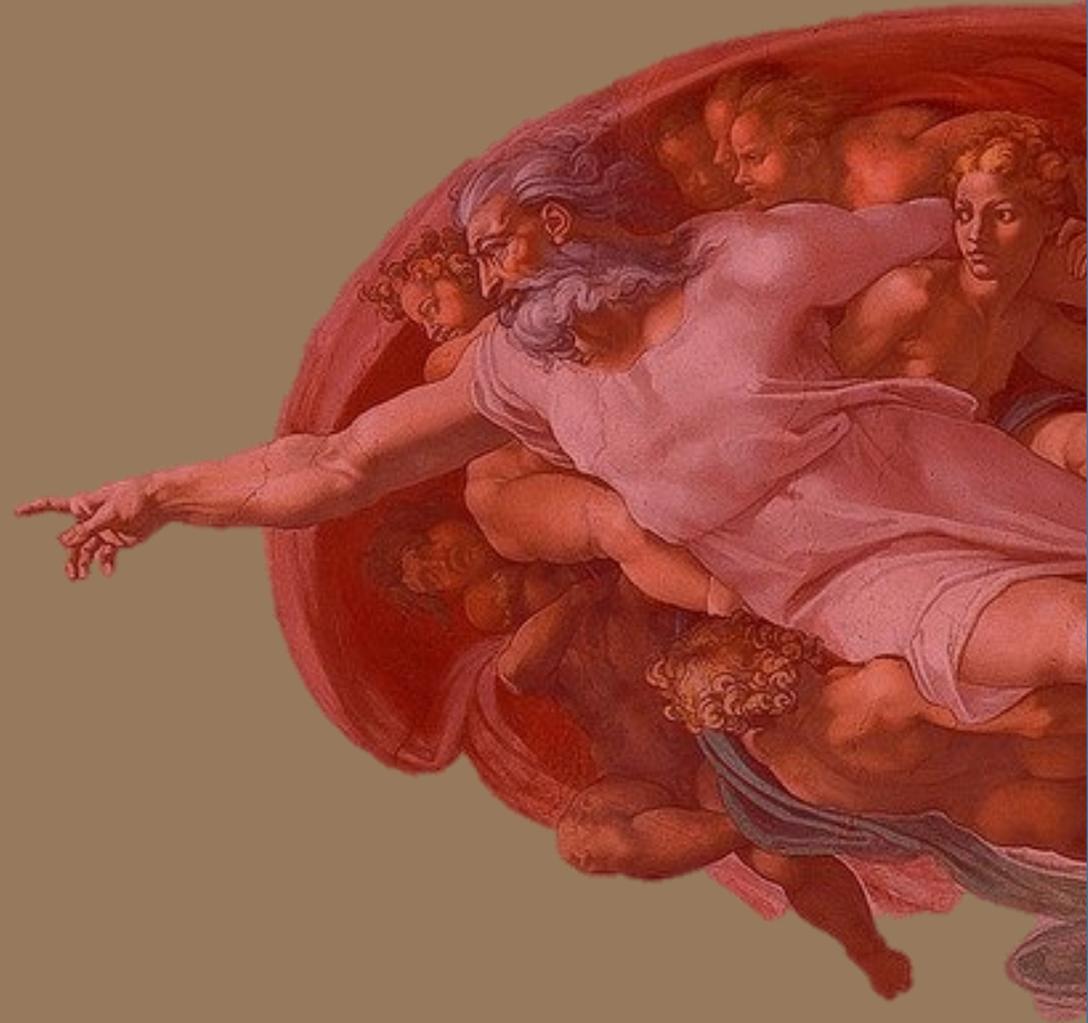


THE

Testing

Effect



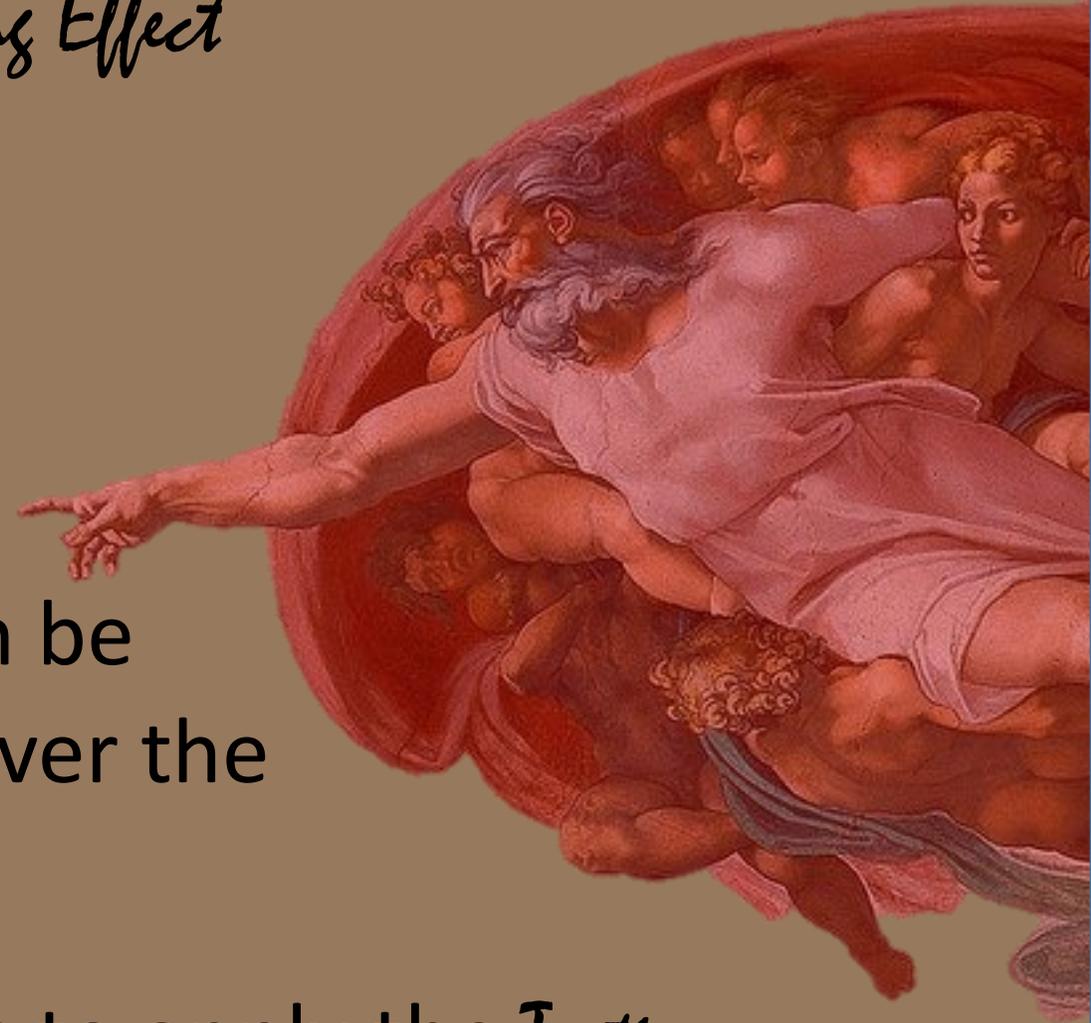
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1. explain the *Testing Effect*

2. name the best review-  
to-retrieval ratio

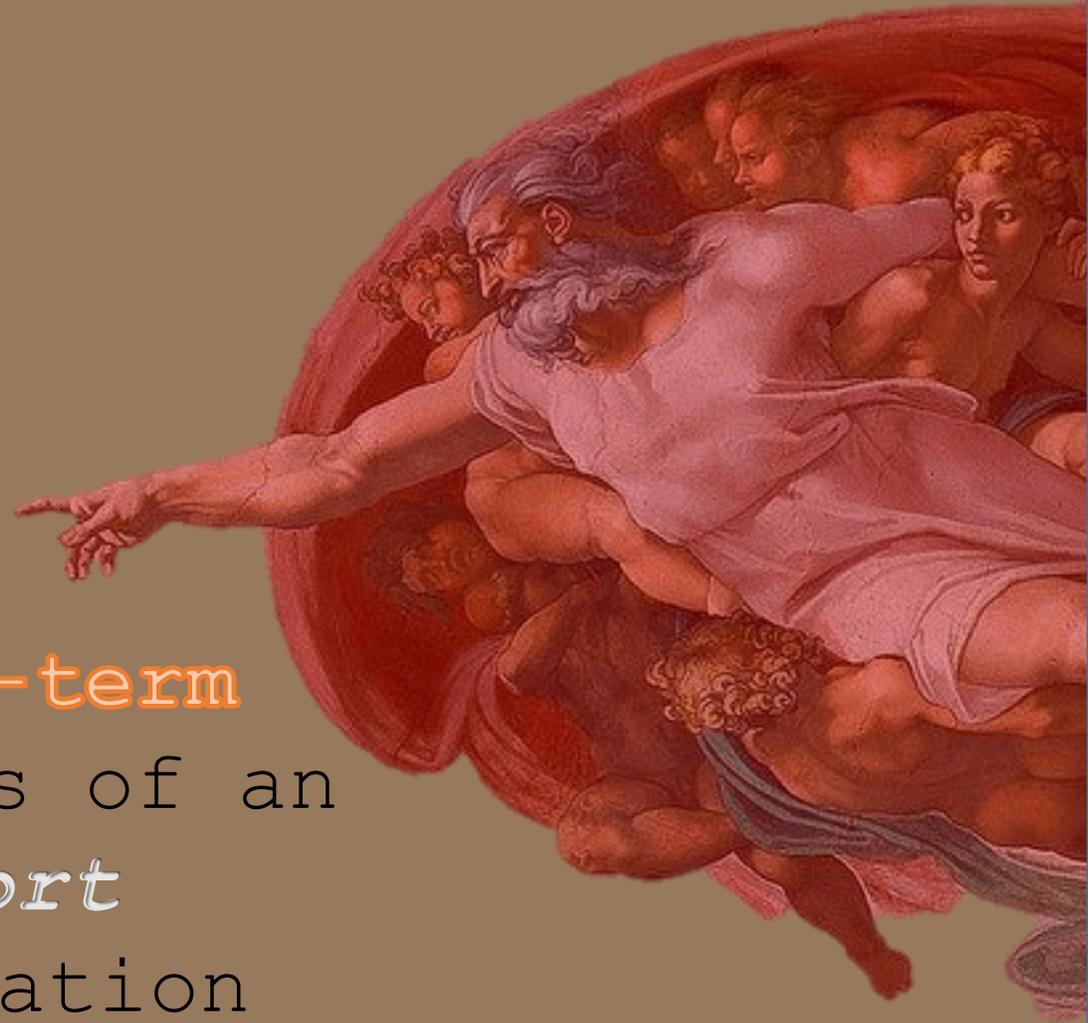
3. see how the *Testing Effect* can be  
applied in a variety of ways over the  
course of a semester

4. estimate ways to apply the *Testing  
Effect* in a course



# Testing Effect

Movement of info from **short-term** memory to **long-term** by means of an *increasingly strenuous effort* placed on **retrieving** information that is then **verified**



# Overload Principle

Spaced, Interleaved  
Learning  
(day, week, month)

3Rs

Review → Release  
→ Retrieve (40/60)



# KEY PRINCIPLES (3)

Обратная  
связь

άνατροφοδότηση

riposta

# Feedback

\*\*An essential part of this complete breakfast

Retour  
d'information

realimentación

återkoppling



Learning

Is

Hard Work

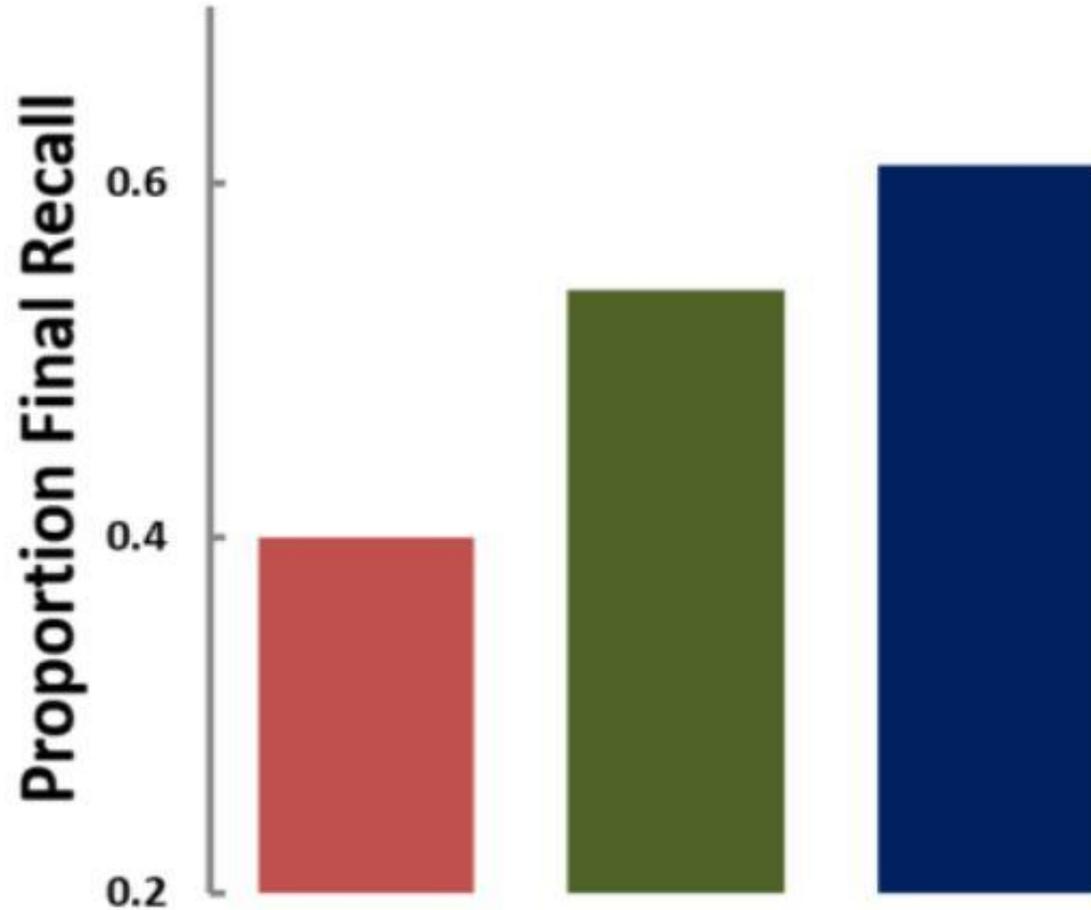


Reading, Reading,  
Reading, Reading

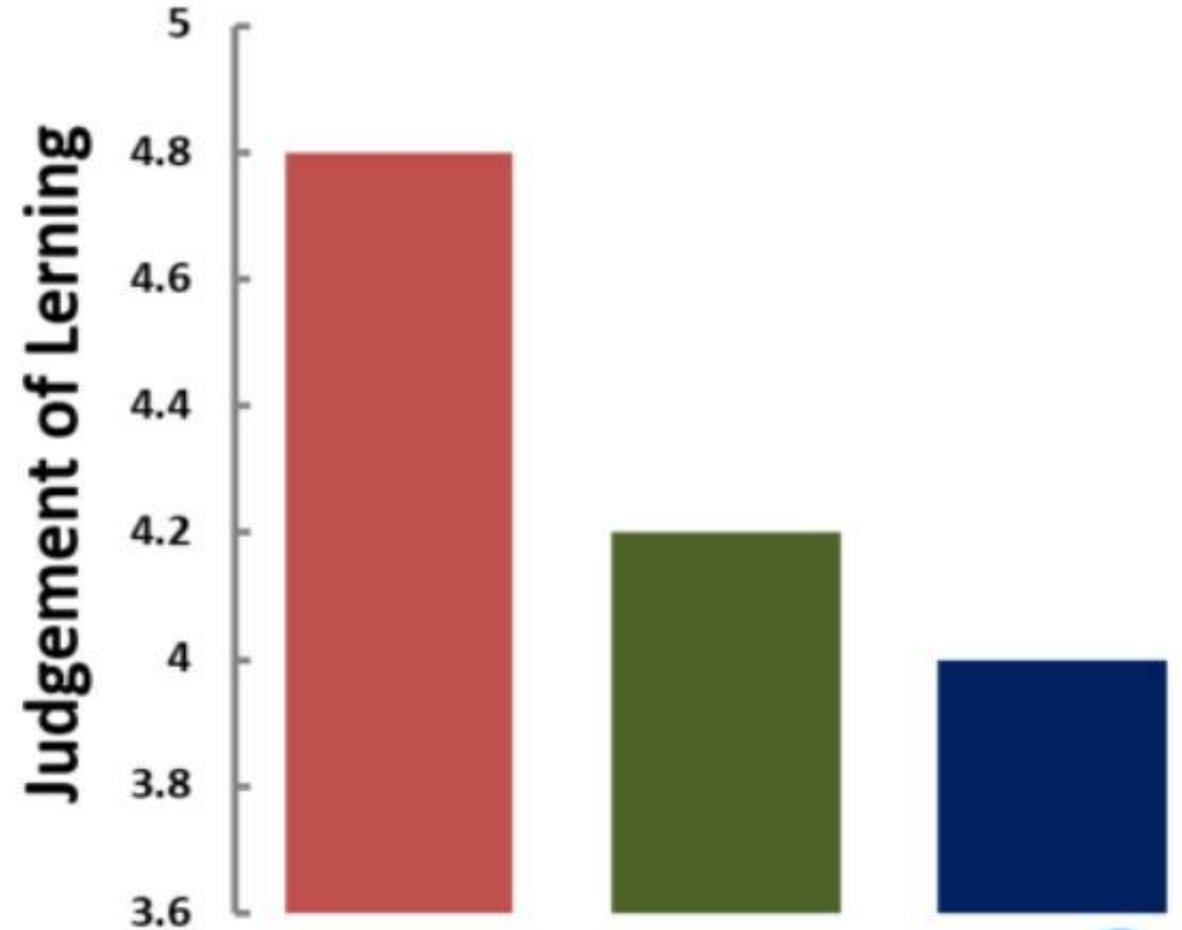
Reading, Reading,  
Reading, Testing

Reading, Testing,  
Testing, Testing

## Final Exam Performance



## "Did it Help Me?"



Source: Roediger and Karpicke (2006)

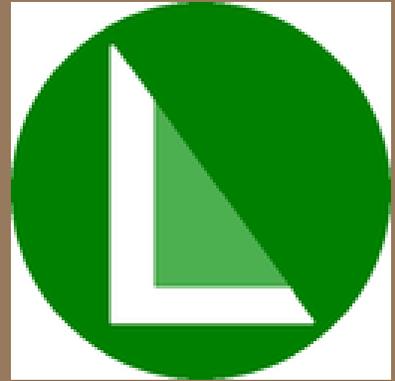
# *Testing Effect* Examples

- Pretesting
- Latin 202  
Vocabulary Quizzes
- Retrieval Exercises



Anki 

Q

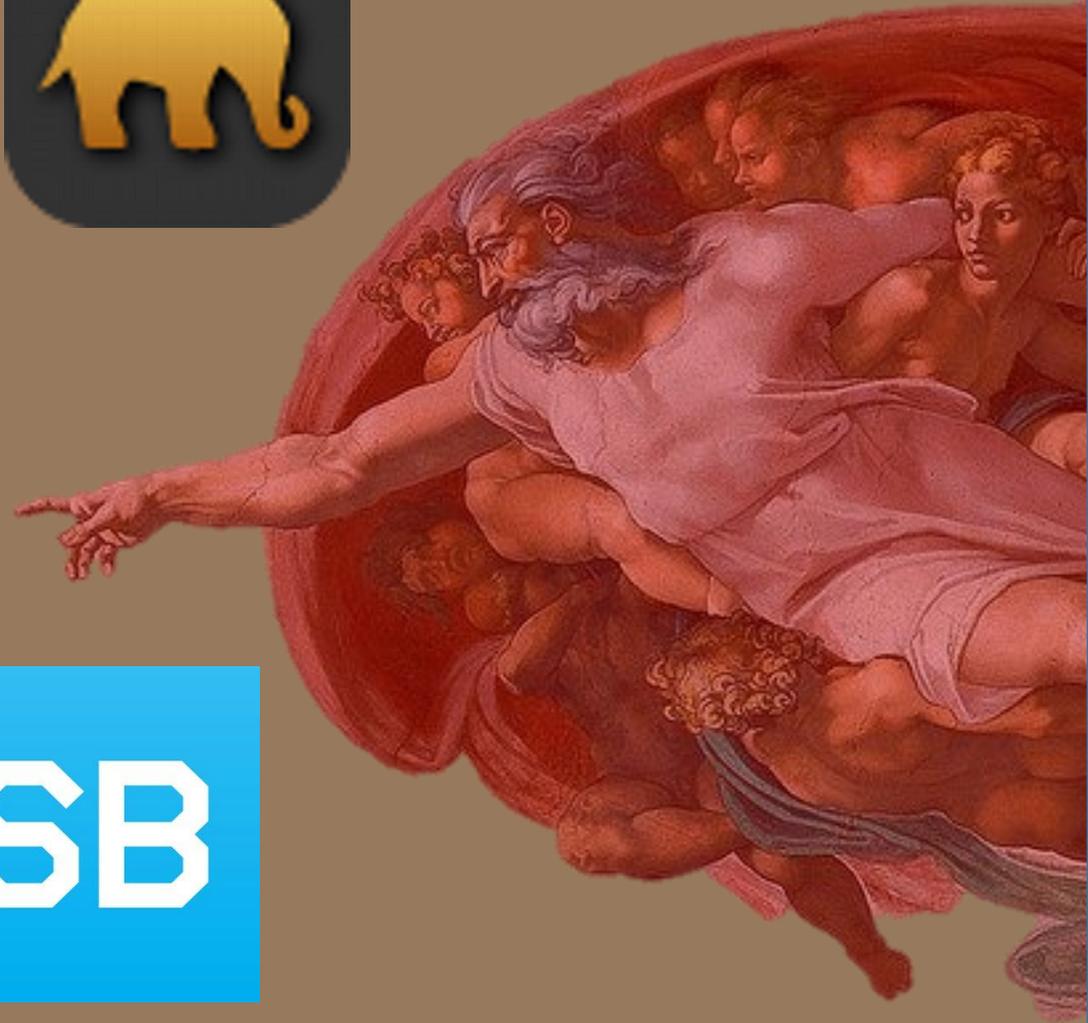


BRAINSCAPE



CRAM

SB



Mobile apps for students

# *Bibliography*

Brown, P. C., Roediger III, H. L. & McDaniel, M. A. (2014) *Make it stick*. Harvard University Press.

Carey, B. (2015) *How we learn: the surprising truth about when, where, and why it happens*. Random House Trade Paperbacks.

