

# Brightspace UK User Group





*"We only have two demands!  
Why don't people just give us what we want?"*

## CLOSING REMARKS: THE WORD CONUNDRUM

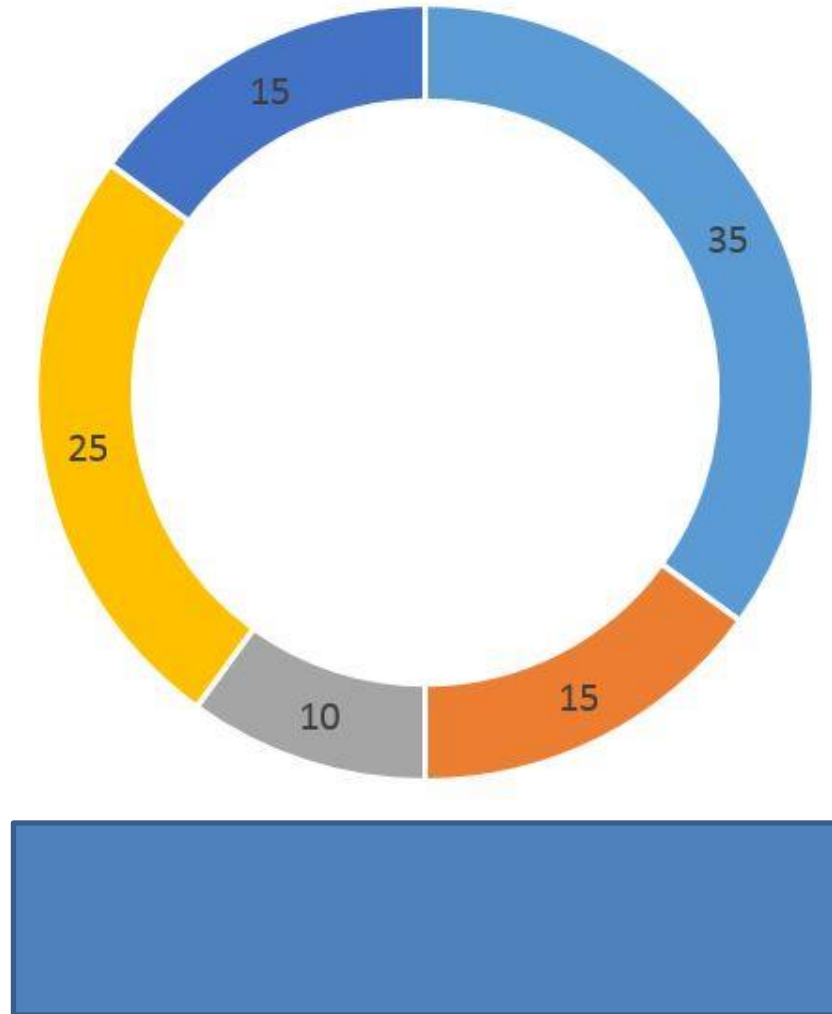
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DR. JEFF D. BORDEN

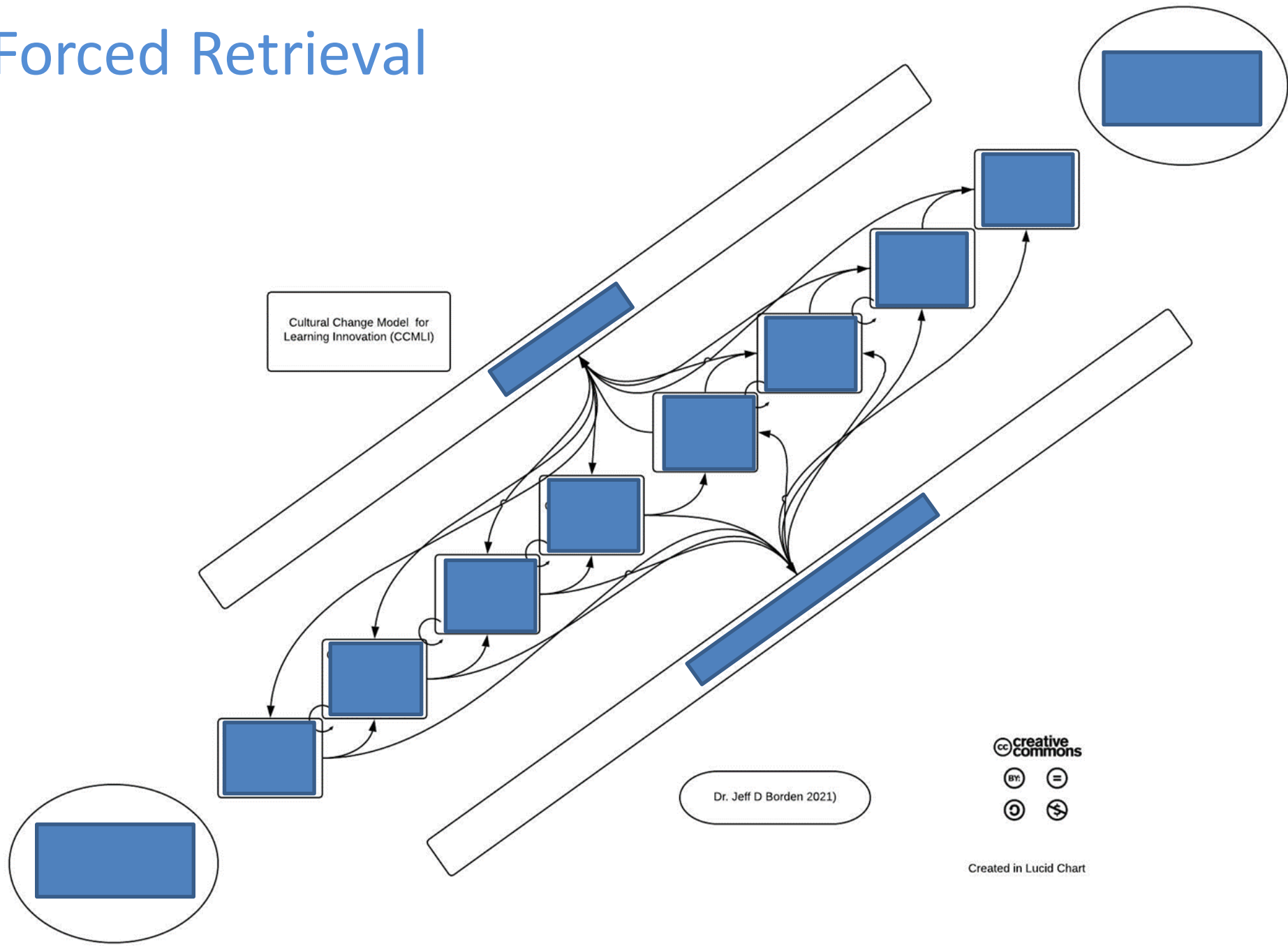
VICE PROVOST OF LEARNING EXPERIENCE

NATIONAL UNIVERSITY

Do...



# Forced Retrieval



# We LOVE Words

Careers for People Who Love to Read

Check out this list of jobs for people who love words, reading, and crafting messages:

- Proofreader
- Copy editor
- Lawyer
- Journalist
- Professor
- Preacher
- Librarian

[More items...](#) • Jan 23, 2019



Please define....



# Orthographic Lexicon

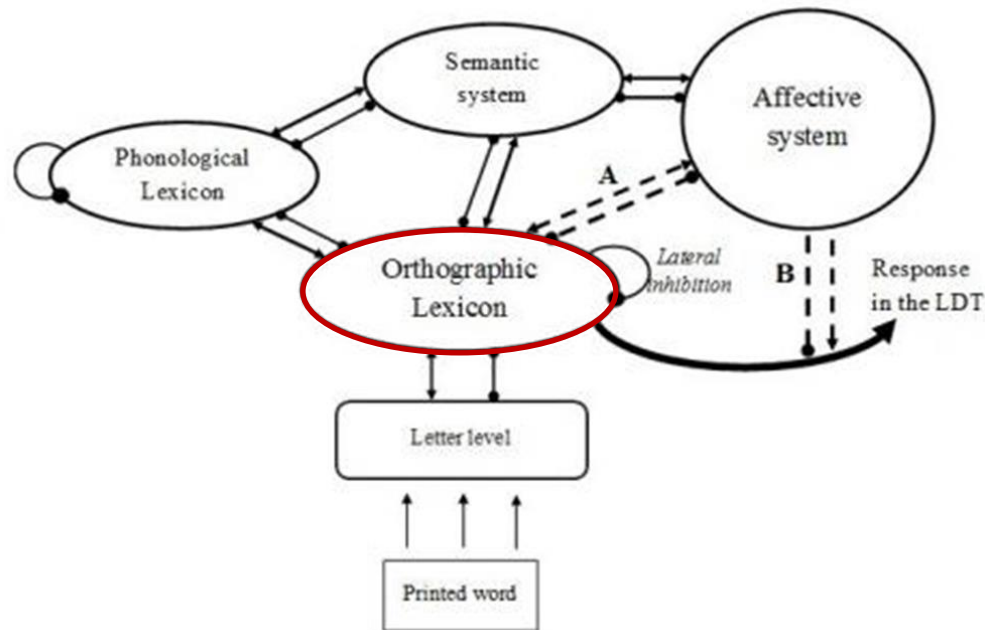
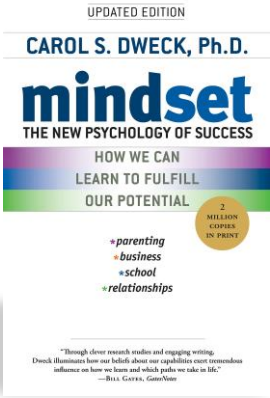
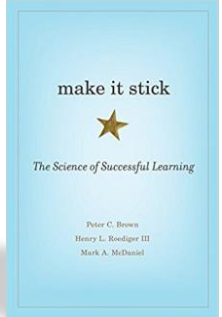


Figure 1. An IA model of visual word recognition extended to affective processing (adapted from McClelland & Rumelhart, 1981, and from Ferrand et al., 2006). Inhibitory connections are represented by dots. Facilitatory connections are represented by arrows. The A connections corresponds to a direct pathway between the orthographic word level and the affective system. The B connection represents response inhibition.

# Learning Involves More





# Brains and Words

IT IS THE LARGEST environmental enforcement recovery by the Department of Justice, exceed-

[REDACTED]

Chinese subsidiary had been identified as part

[REDACTED]

ter, had sought to any to the London-based company. Regulators in the US and UK are close-

[REDACTED]

the official, the company set up several internal units with code names such as "operation Great Wall" and "operation soaring dragon" to pay the

[REDACTED]

[REDACTED]

straight quarters. On AMG specialises in high aged equities and altering average annual pro

[REDACTED]

the alpha-generating long-anticipated rotation and general risk aver

EBS AUTHENTICATOR LIST C

JULY 1973		AUGUST 1973		SEPTEMBER 1973	
ACTIVATION	TERMINATION	ACTIVATION	TERMINATION	ACTIVATION	TERMINATION
1 EXPOSE	1 CONJECTURE	1 SKIRMISH	[REDACTED]	[REDACTED]	[REDACTED]
2 OLYMPIA	2 RUMINANT	2 COCKER	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	3 CRAWDAD	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	4 BANKER	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	5 FRASER	[REDACTED]	5 BORDERLINE	5 DANGLE
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	6 HORSEWOMAN	6 PISHMENT
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
15 UNPRODUCTIVE	15 HANDSPRING	15 DINGHY	[REDACTED]	[REDACTED]	[REDACTED]
16 NEBULA	16 PERSONNEL	16 FINICAL	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	17 TENSOR	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	18 GUNWALE	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	19 UPSTAGE	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	20 FERRET	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	21 UNSPENT	21 ADVANTAGE	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	22 UNASHAMED	22 WARSAW	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	23 ALCOVE	23 INDICATE
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	24 BOKHAUL	24 POTASH
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	25 DIABOLIC	25 SMOTHER
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	26 TARSAL	26 MOONSTONE
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	27 BIRDSFOOT	27 GOULASH
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	28 UNPREPARED	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	29 MANCHURIA	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	30 COYOTE	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	31 FULLY	[REDACTED]

FOR OFFICIAL USE ONLY

REVERSE BLANK 1



# Brains and Words

IT IS THE LARGEST environmental enforcement action in the history of the recovery by the Department of Justice since the 1980s, including even the \$4bn paid by BP in 2012 to settle claims over the Gulf of Mexico oil spill.

[REDACTED]

company. Regulators in the US and UK are closely monitoring events in China and could take action if necessary.

[REDACTED]

bribes. The developments will send a chill down the spine of any company doing business in the region.

[REDACTED]

888 AUTHENTICATOR LIST C

JULY 1973

ACTIVATION

- 1 EXPOSE
- 2 OLYMPIA

- 6 UNTOBARD 6 OVERLOAD 6 HORSEWOMAN 6 PISHENT
- 7 MUSCLE 7 COCONUT
- 8 UNHEALTHFUL 8 BEMARRD
- 9 GRATTCAT 9 UNPRESSED

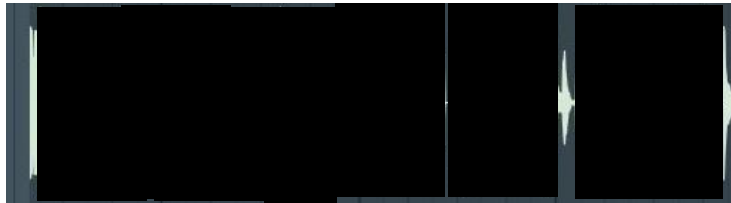
- 11 QUALITY 11 EXTOL

- 27 SOULASH
- 28 UNPREPARED
- 29 MANCHURIA
- 30 COYOTE
- 31 FULLY

- 31 POEM 31 GROCERY 31 BANDER 31 BURNSIDE 31 RESOUND

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REVERSE BLANK 1



# Images and Memory



# Images and Memory



# Images and Memory



# Memory Test

Candy

Sour

Sugar

Bitter

Good

Tooth

Taste

Nice

Honey

Chocolate

Soda

Heart

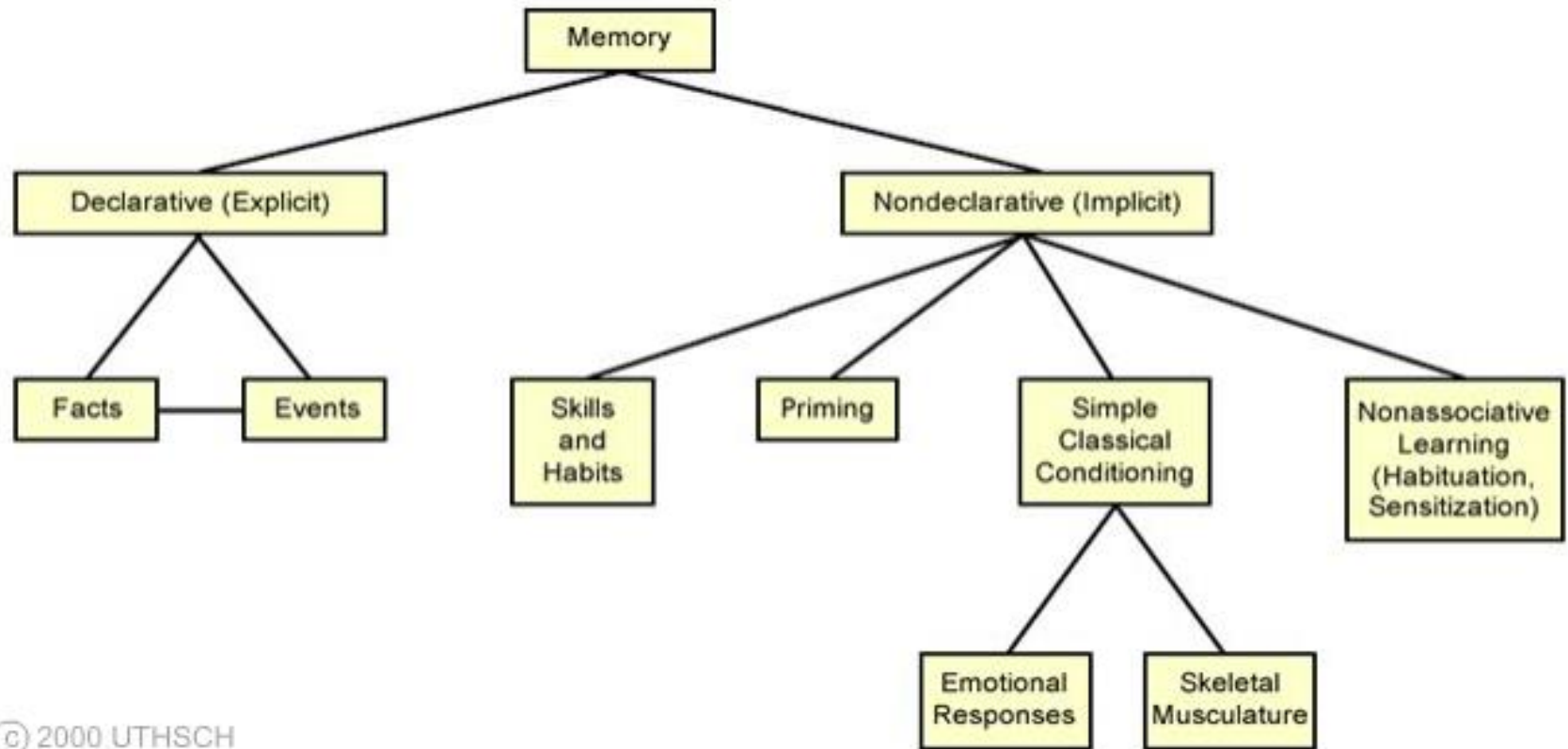
Tongue

Cake

Pie

Eat

# Memory



© 2000 UTHSCH

Figure 7.1  
Memory systems in the brain. (Modified from Squire and Knowlton, 1994)

# Augmenting Memory

D2L | Brightspace | Jeff Borden Course

Grid icon | Mail icon | Chat icon | Bell icon | JB Jeff Borden | Settings icon

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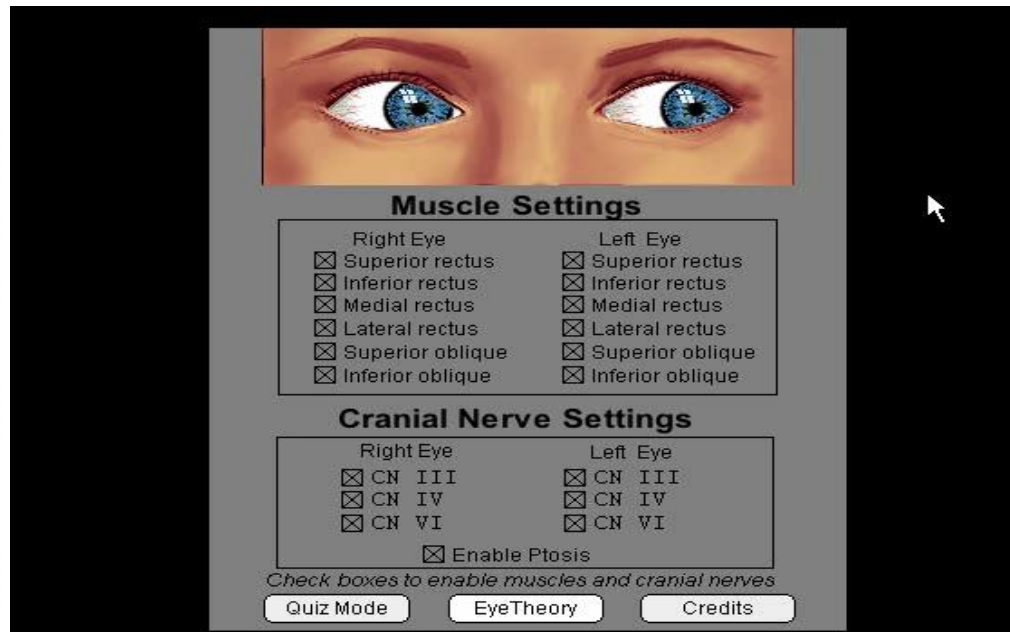
Table of Contents

Advanced Instruction

Add a module...

## Advanced Instruction

Print | Settings



The screenshot shows a simulation interface for eye muscles and cranial nerves. At the top, there is a close-up image of a person's eyes. Below the image, the interface is divided into two main sections: "Muscle Settings" and "Cranial Nerve Settings". Each section has two columns for "Right Eye" and "Left Eye".

Muscle Settings	
Right Eye	Left Eye
<input checked="" type="checkbox"/> Superior rectus	<input checked="" type="checkbox"/> Superior rectus
<input checked="" type="checkbox"/> Inferior rectus	<input checked="" type="checkbox"/> Inferior rectus
<input checked="" type="checkbox"/> Medial rectus	<input checked="" type="checkbox"/> Medial rectus
<input checked="" type="checkbox"/> Lateral rectus	<input checked="" type="checkbox"/> Lateral rectus
<input checked="" type="checkbox"/> Superior oblique	<input checked="" type="checkbox"/> Superior oblique
<input checked="" type="checkbox"/> Inferior oblique	<input checked="" type="checkbox"/> Inferior oblique

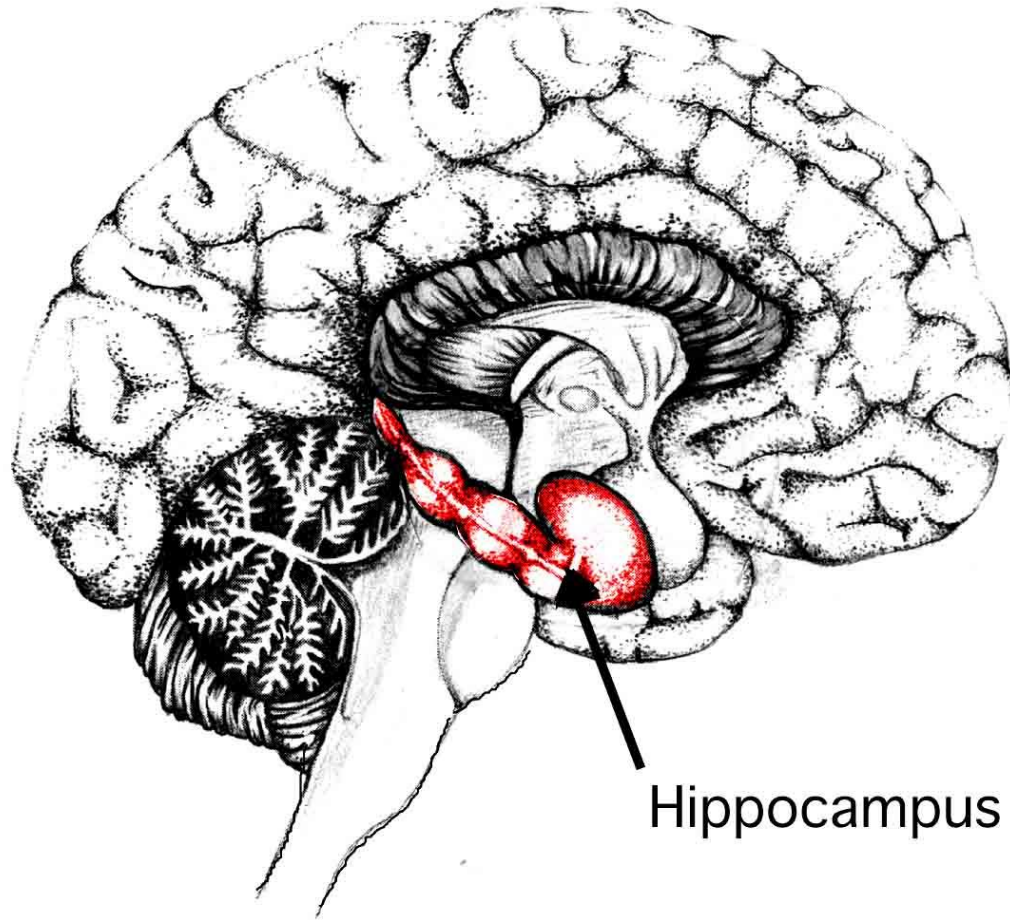
Cranial Nerve Settings	
Right Eye	Left Eye
<input checked="" type="checkbox"/> CN III	<input checked="" type="checkbox"/> CN III
<input checked="" type="checkbox"/> CN IV	<input checked="" type="checkbox"/> CN IV
<input checked="" type="checkbox"/> CN VI	<input checked="" type="checkbox"/> CN VI

Enable Ptosis

*Check boxes to enable muscles and cranial nerves*

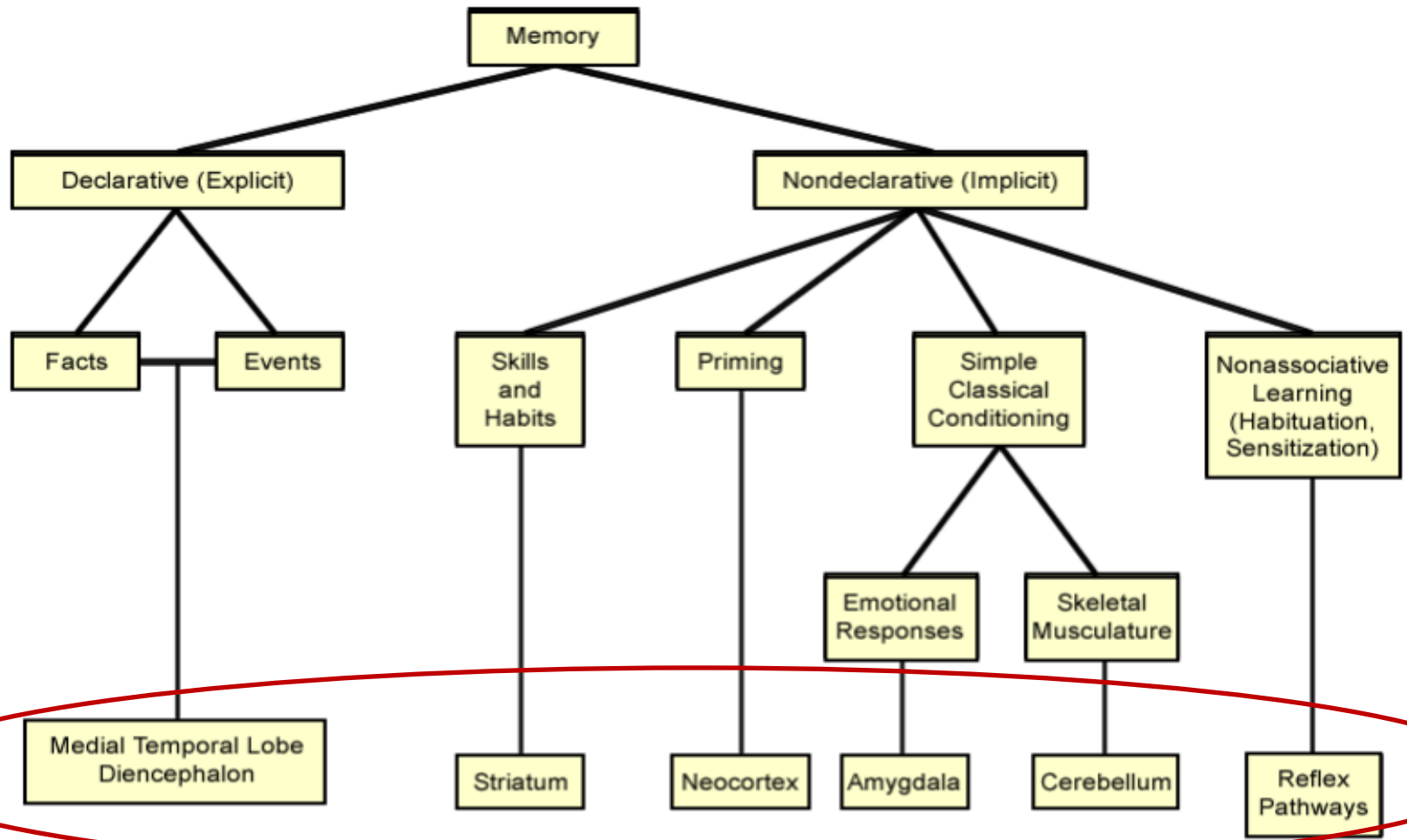
Quiz Mode | EyeTheory | Credits



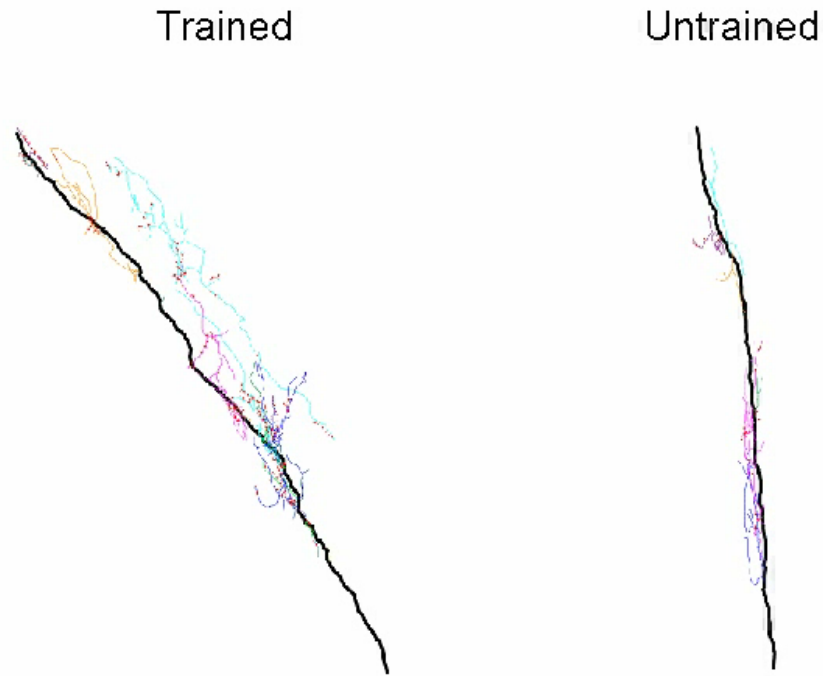


Hippocampus

# Memory



# Training Neurons



© 2000 UTHSCH

**Figure 7.13**

**Structural changes in sensory neurons associated with long-term sensitization. (Modified from M. Wainwright et al., *J. Neurosci.***

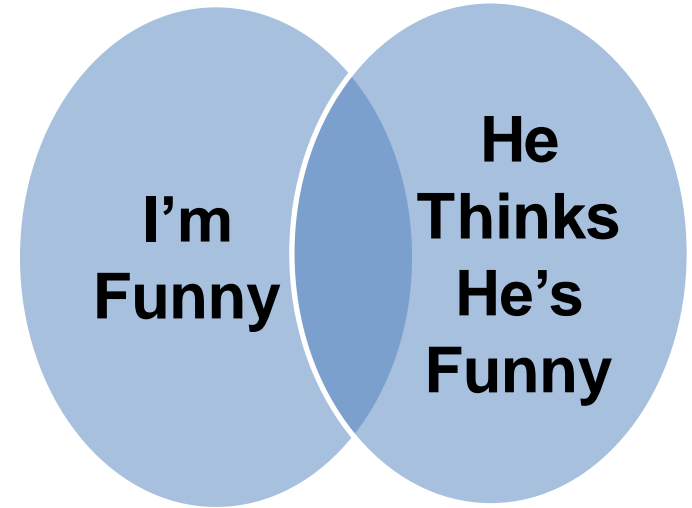
**22:4132-4141, 2002.)**

ScreenCast-O-Matic.com

# Do You Remember?

- Was the word “Candy” in the list? YES
- Was the word “Car” in the list? NO
- Was the word “Sweet” in the list? NO

# Mixing Declarative & Non-Declarative...



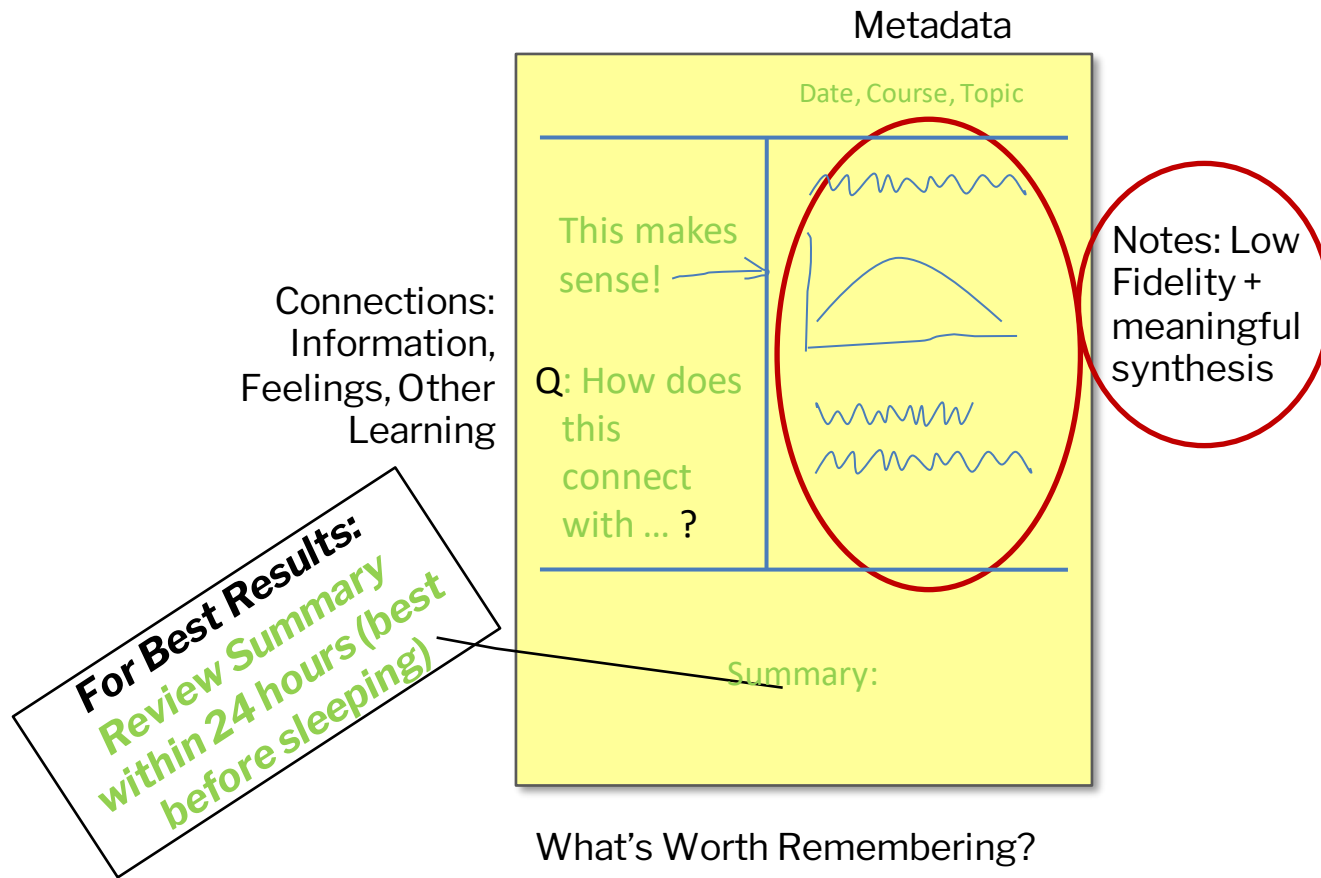
Nintendo®

B B C



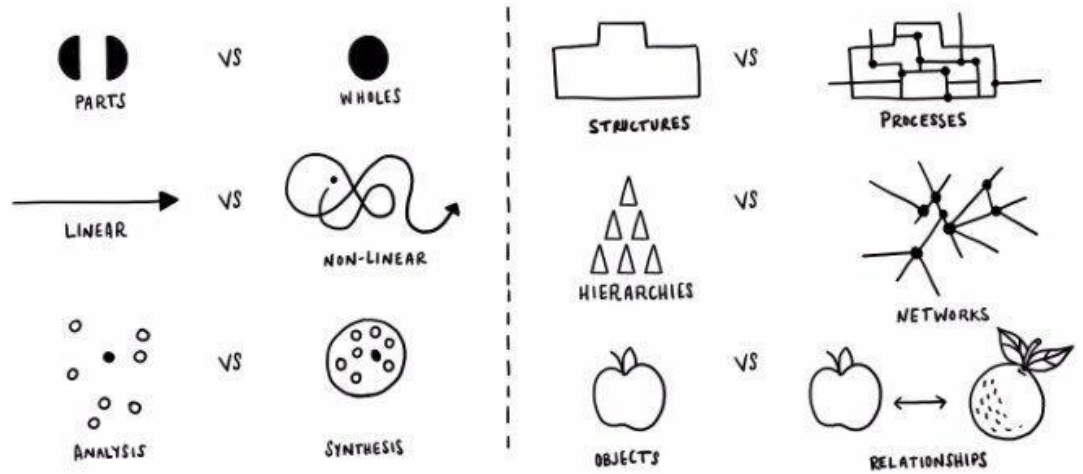
National University System

# Who Taught You To Take Notes? (S. Carroll)

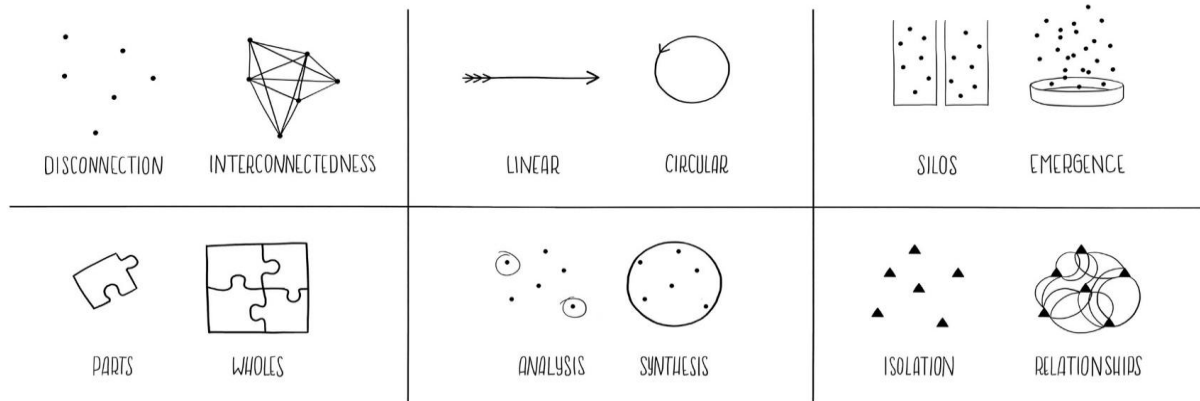


# TOOLS OF A SYSTEM THINKER

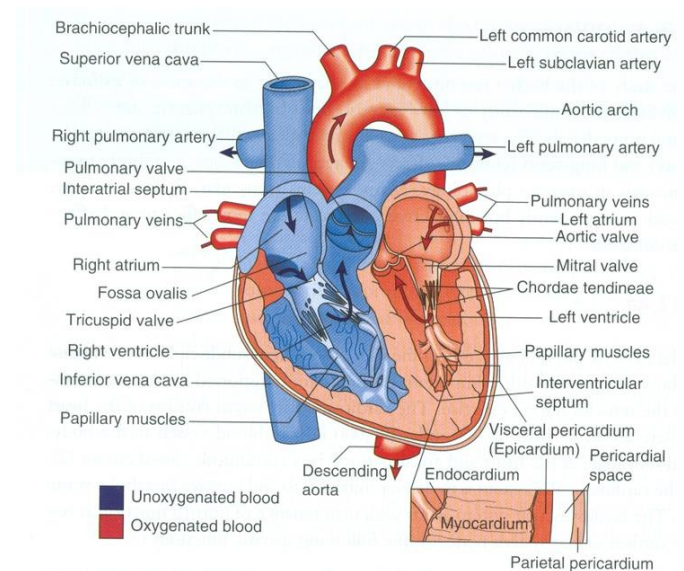
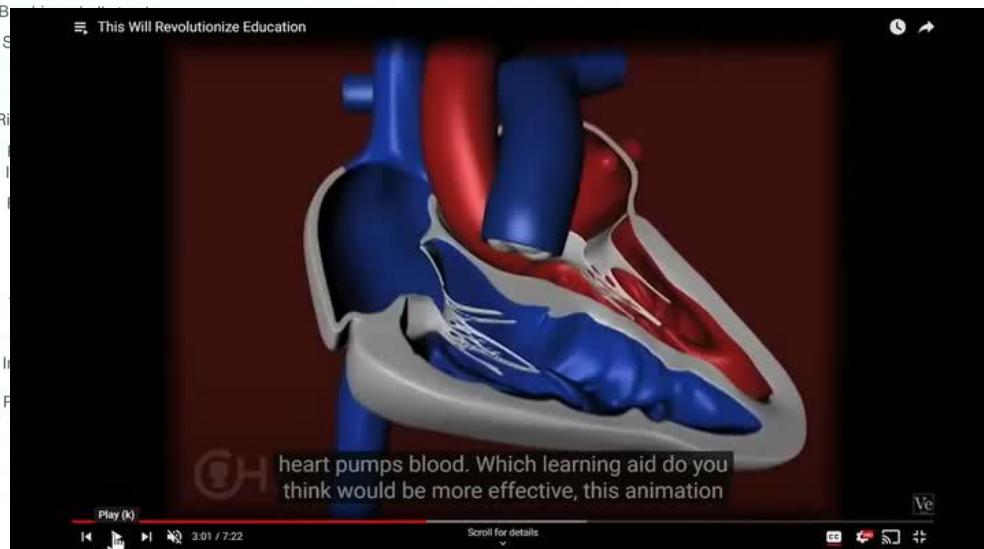
But I Can't DRAW!



## TOOLS OF A SYSTEM THINKER

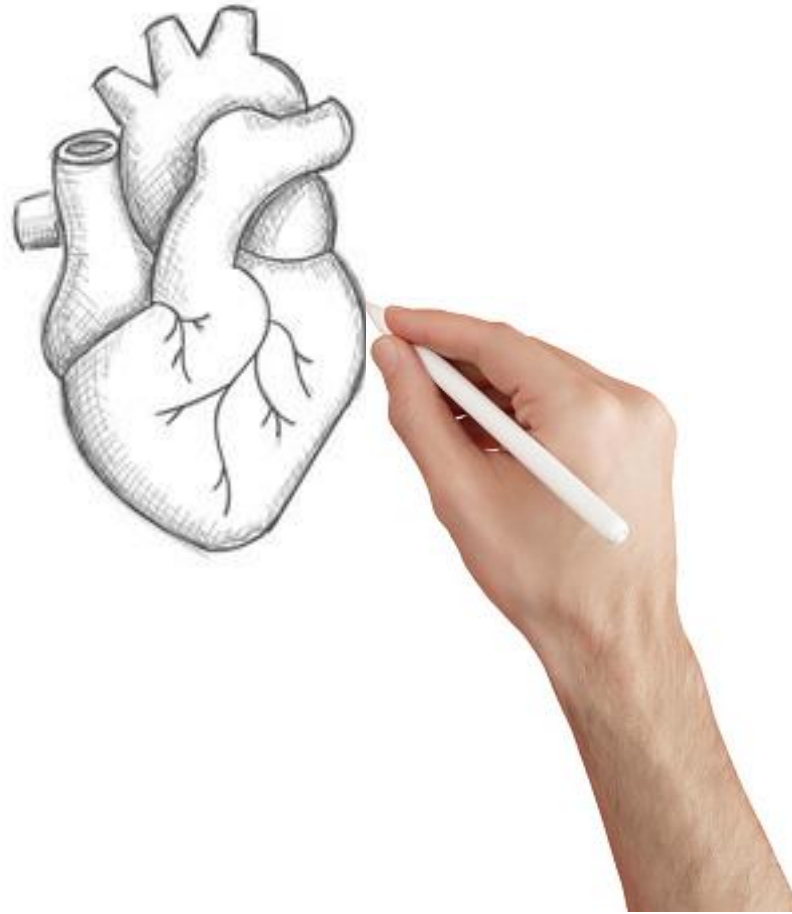


# Cognitive Load / Demystification / Fidelity





# Professor Drawn



# Lions SHARE: Whiteboard

Secure | <https://whiteboard.lionsshare.saintleo.edu/board?conversationId=2629000&slideId=2629003&unique=true&showTools=true>

jeff.borden working in Diving with a Buddy Page 3/4

Sanity Check

Speed Up

Slow Down

Right Atrium

Left Atrium

valves

Purillary Muscke

R ventricle

US.

Elsie A Barton

Paige H Chen

Wayne O Connolly

Julia E Desai

Claire A Gallagher

Stephanie A Hawk

# Brightspace AppFinder

D2L | Brightspace

[Home](#) [List Your Solution](#)

The logo for CodeGrade, featuring a blue graduation cap icon above the word "code" in a bold, sans-serif font, and "grade" in a lighter, lowercase, sans-serif font.

Deliver engaging feedback on code

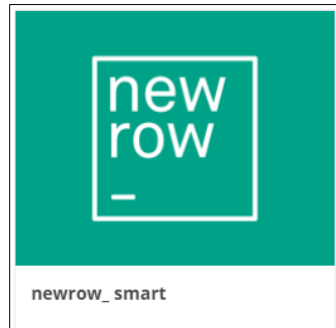


whiteboard

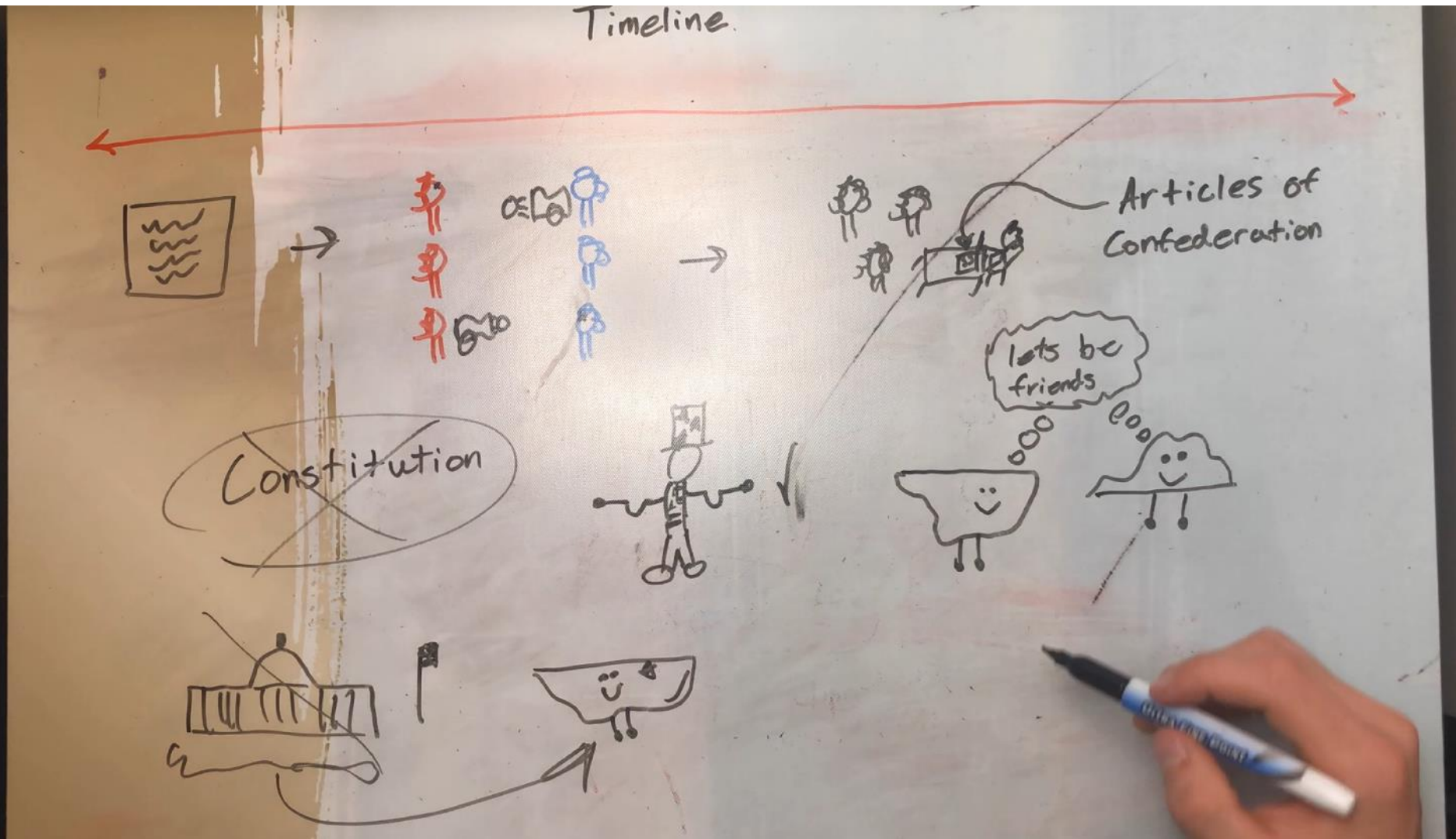
Clear All

All Categories ▾

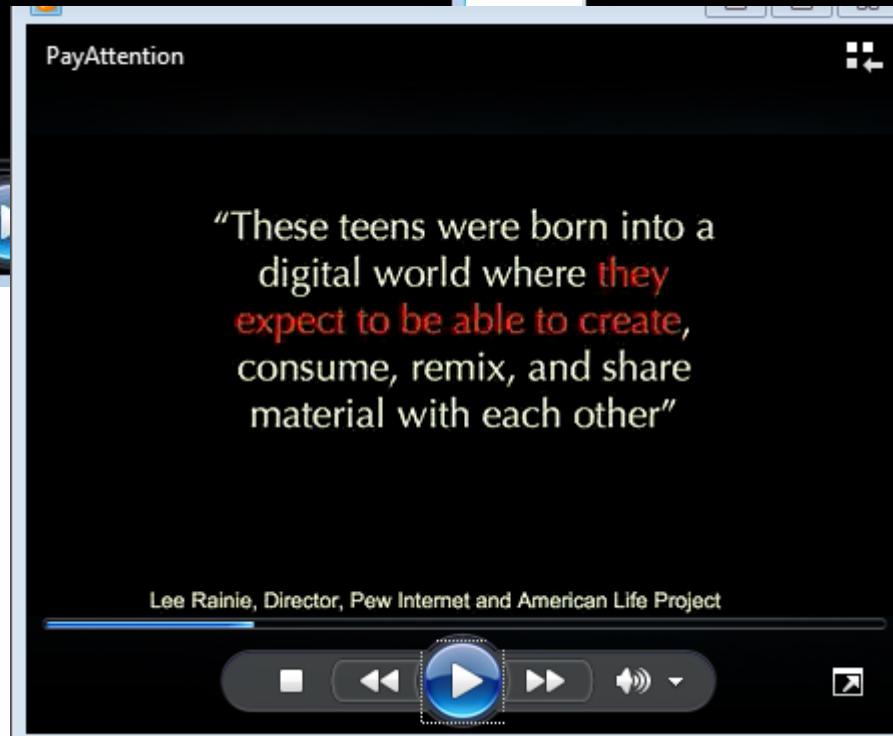
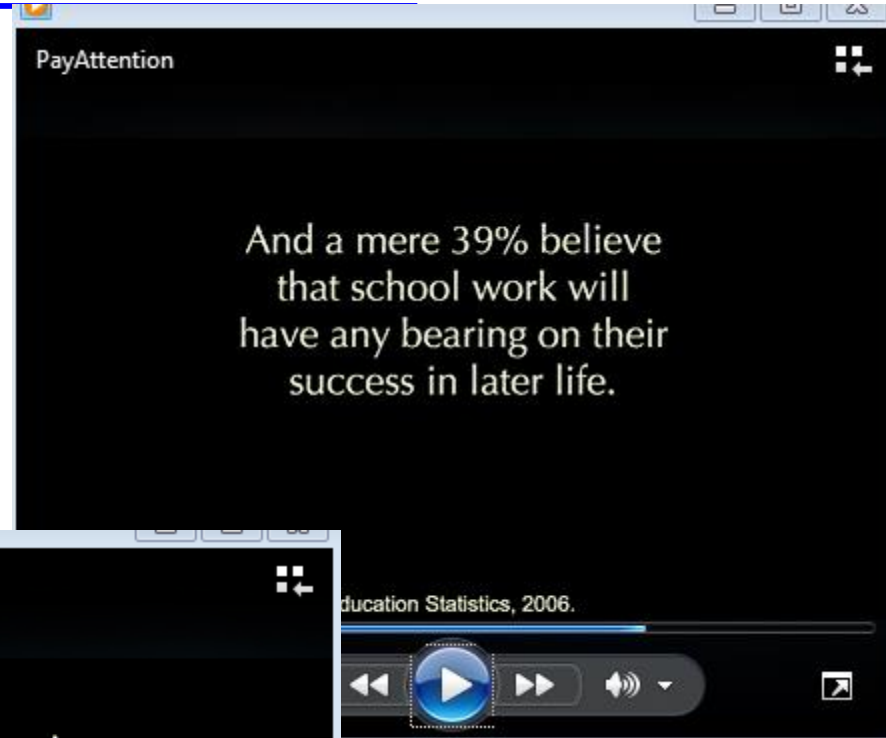
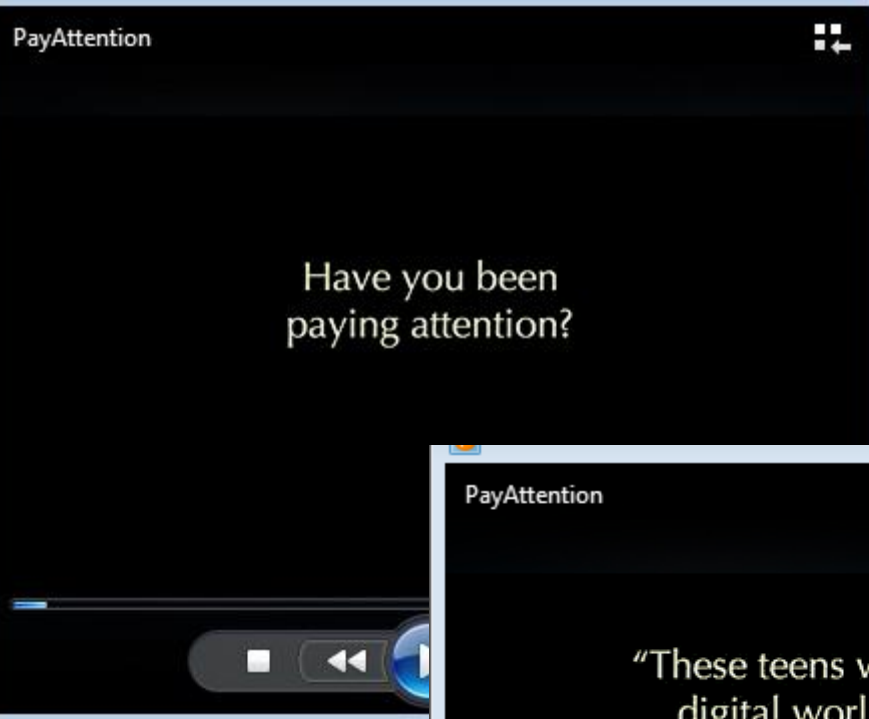
- All Categories
- Collaboration
- Accessibility
- Assessment

A card for the Newrow Smart app. It features a green background with a white square containing the text "new row" in a lowercase, sans-serif font. Below the card, the text "newrow\_smart" is displayed.A card for the VEDAMO Virtual Classroom app. It features a blue background with a laptop displaying a virtual classroom interface. Below the card, the text "VEDAMO Virtual Classroom" is displayed.

# Great Assessment Strategy



# Have You Been Paying Attention?



## Edu-Blogger:

- “...Has anyone seen this garbage? Students don’t need to remix anything! *Educators must teach them to be original, have original thought, and do original work!* Imagine if society worked this way.
- We’d still be hoping someone would invent the rolling stone so as to create a wheel. *Imagine a world where using other people’s work to create your own was ok.*
- *We’d never have gotten past the toaster to see the benefits of the microwave. We’d never have gotten past swing music to experience amazing original works like Elton John’s “The Lion King” or other seminal works...”*

# Remix, Sample or Steal?

1996 - Can You Feel The love Tonight?

2003 - Save tonight, fight the break of dawn,  
come tomorrow, tomorrow I'll be gone...

2004 - You're beautiful! You're beautiful!

2001 - If I could, then I would, I'll go wherever  
you will go, way up high, or down low, I'll go  
wherever you will go...

2013 - Let it go, let it go, can't hold it back  
anymore

2011 - Never mind, I'll find someone like you - I  
wish nothing but the best for you too...



# Remix, Sample or Steal?

1989 - Harry Truman, Doris Day, Red China, Johnnie Ray, South Pacific, Walter Winchell, Joe DiMaggio, Joe McCarthy, Richard Nixon, Studebaker, television, North Korea, South Korea, Marilyn Monroe...

1989 - Wherever you go - whatever you do, I will be right here waiting for you...

1987 - I think we're alone now, there doesn't seem to be anyone around...

1984 - We're not gonna take it, no we ain't gonna take it - we're not gonna take it anymore...



# Remix, Sample or Steal?

See the stone set in her eyes, see the thorn twist in  
her side, and I'm waiting for you, with or without  
you



# Remix, Sample or Steal?

1984 - Take on me (YOU: take on me!), Take me up  
(YOU: take on me!), I'll be gone

?????

1981 - Just a small town girl - living in a lonely world  
- she took the midnight train going anywhere

# Remix, Sample or Steal?

1970 - When I find myself in times of trouble, Mother Mary comes to me, speaking words of wisdom, let it be

1961 - When the night has come, and the land is dark, and the moon is the only light we'll see

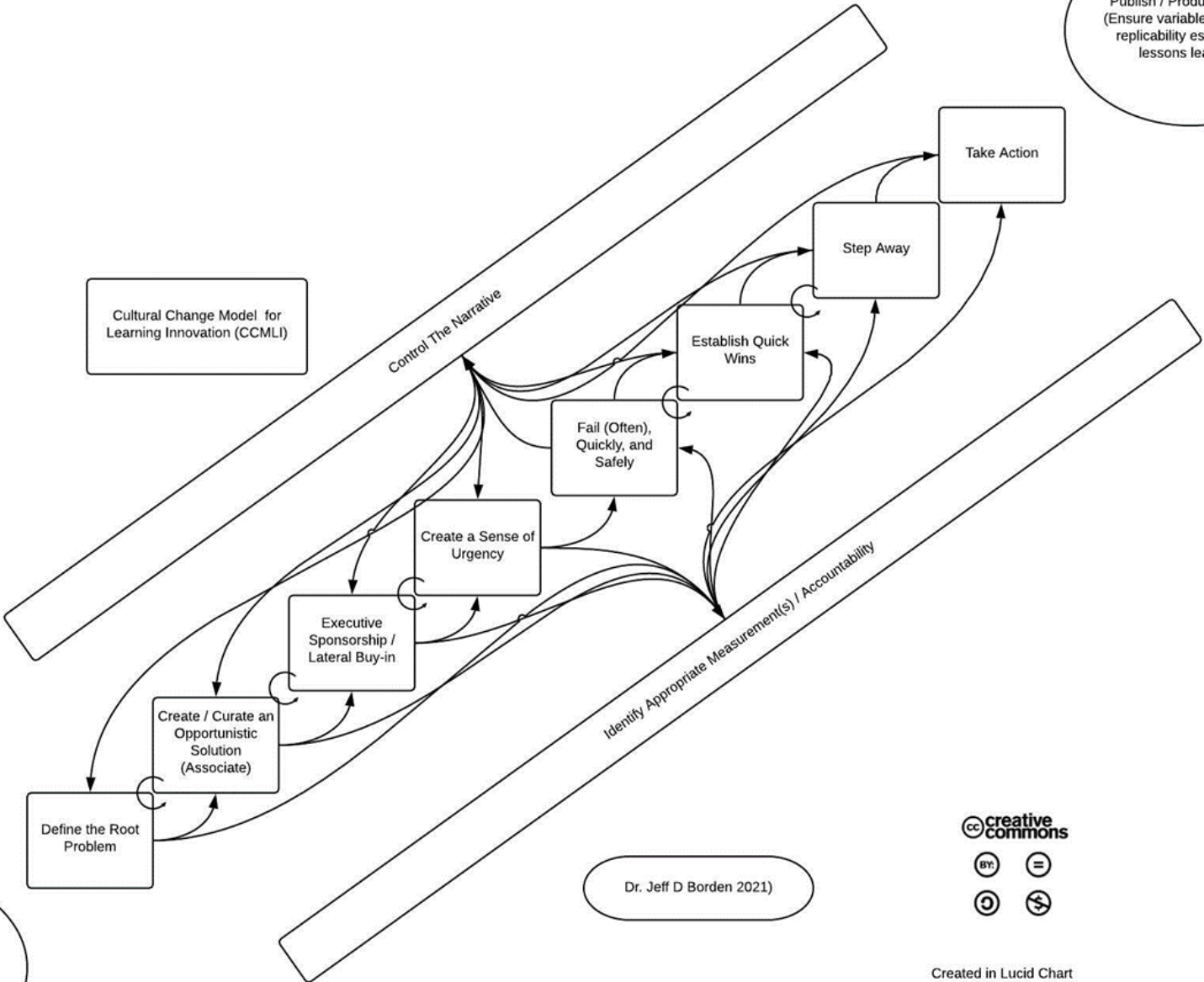
1690?!?!?!?

# Create. Consume. REMIX, Share



Publish / Produce Results  
(Ensure variables identified,  
replicability established,  
lessons learned)

Cultural Change Model for  
Learning Innovation (CCMLI)



Consistent cross-contextual  
reading, research,  
experience, hiring,  
brainstorming

Dr. Jeff D Borden 2021)



Created in Lucid Chart

# Thank You!

## Read

- <http://jeffpresents.com>
- <https://www.iceinstitute.org/blog-1/>
- <http://d2l.com/teaching-and-learning-studio>

## Connect

- [jborden2@nu.edu](mailto:jborden2@nu.edu)
- [jborden@jeffpresents.com](mailto:jborden@jeffpresents.com)

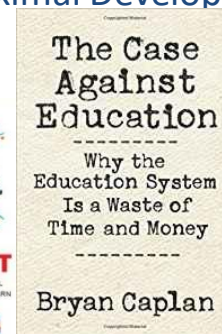
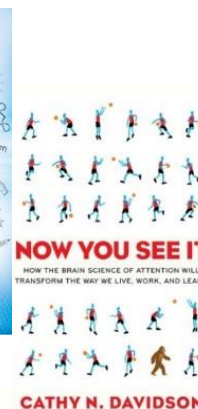
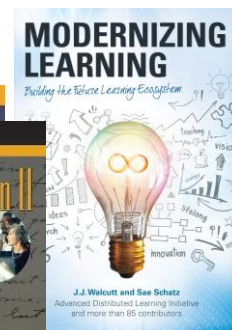
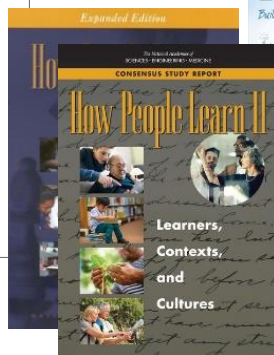
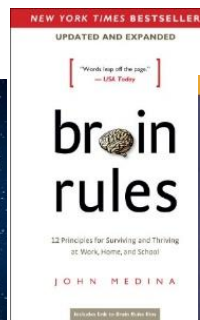
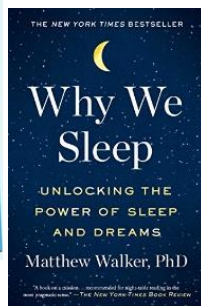
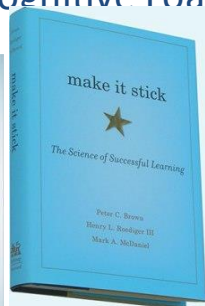
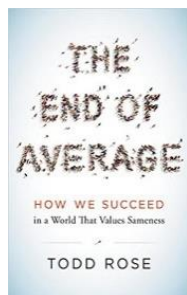
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- [Linkedin.com/prospeaker](https://www.linkedin.com/company/prospeaker)



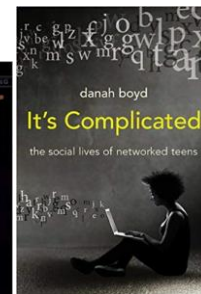
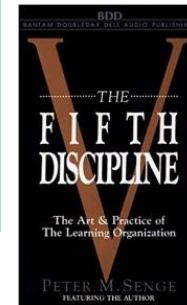
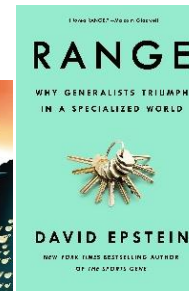
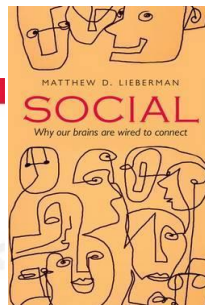
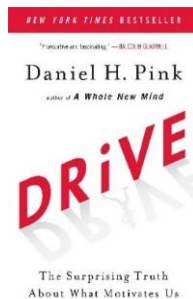
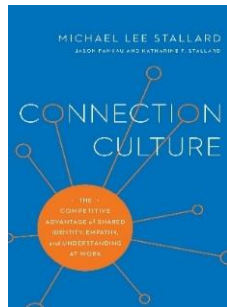
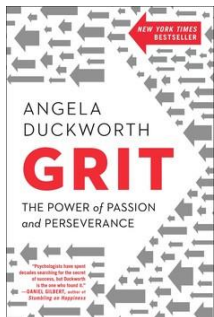
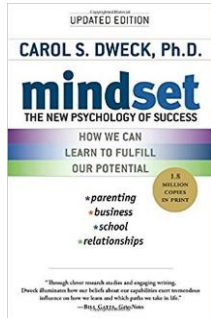
# Cognition

- What is Learning?
- Outcomes
- Data
- Literacy / Numeracy (across the curriculum)
- Instructional Design
- Do, Show, Tell, Review, Ask
- Blind Spots
- Averagarianism
- Associative Thinking
- Groups (Forming, Process, Accountability)
- Cognitive Load
- Authentic Assessment
- Desirable Difficulties
- Bad learning neurotransmitters
- Good learning neurotransmitters
- Pattern Recognition
- Images vs Words / Text
- Generalization vs Specialization
- Transference
- Lecture vs Active Learning
- Frames & Mechanics
- Narrative
- Zone of Proximal Development



# Affection / Conation

- Connection
- Caring
- Support
- Friendship
- Affinity
- Mentors
- Pride
- Systems Thinking
- Innovation
- Resilience
- Motivation
- Tenacity
- Open-Mindedness
- Self-Discipline
- Growth Mindset
- Social Intelligence
- Curiosity
- Creativity

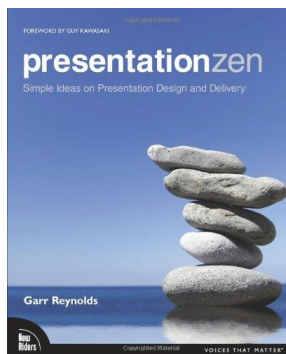
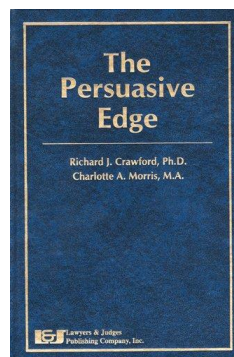
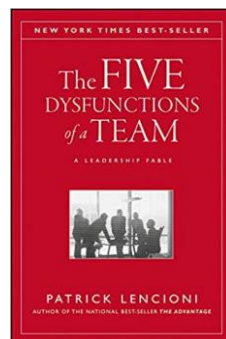
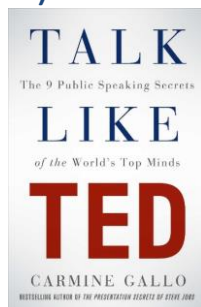




# Communication

- Nonverbals (Semiotics)

- Optics
- Objectics
  - Visual Aids
- Proxemics
- Haptics
- Vocalics
- Kinesics
- Chronemics



- Narrative

- Disequilibrium
- Resolution

- Humor

- When and when not

- Engagement

- Culture

- Persuasion

- Monroe's Motivated Sequence
- Aristotle's Canons of Rhetoric

- Informing

- Credibility
- Novelty

- Introductions

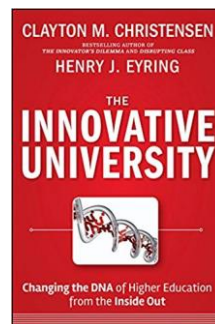
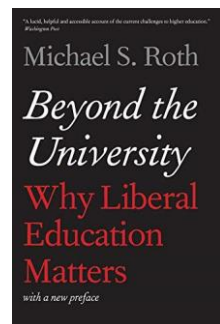
- Attention / Focus Grabbing
- Statement of goodwill
- Preview / Thesis

- Teams / Groups

- Formation
- Task / Performance Mgmt
- Accountability

# Innovate Better: Recommended Reading

- How To Get An Idea (Foster, 2007)
- Drive (Pink, 2011)
- Mindset (Dweck, 2007)
- Brain Rules (Medina, 2014)
- Now You See It (Davidson, 2012)
- The End of Average (Rose, 2016)
- The Gamification of Learning and Instruction (Kapp, 2012)
- Active Learning: 101 Activities to Teach any Subject (Silberman, 1996)
- What the Best College Teachers Do (Bain, 2004)
- A Whack on the Side of the Head (Von Oech,



# Teach Better: Good Follows

- Phil Hill
- George Siemens
- Jeffrey Selingo
- Jackie Gerstein
- Larry Ferlazzo
- Dan Meyer
- Derek Muller
- Geoff Leigh
- Emma Zone
- Neil Mosley
- Jeff Borden
- e-literate
- WCET
- OLC
- Educause
- THE (Times Higher Ed)
- ProfHacker
- Ed Biz
- Eduventures
- TheAtlanticEducation
- Veritasium
- Smarter Every Day
- Open University

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