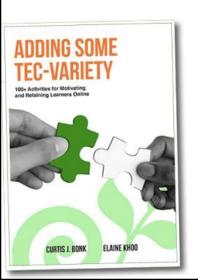
Manufacturing Motivation in Online Language Teaching and Learning With Variety: TEC-VARIETY

Curtis J. Bonk, IST Professor Indiana University

cjbonk@indiana.edu; http://curtbonk.com/







Poll. Warm-up question: How are you today?

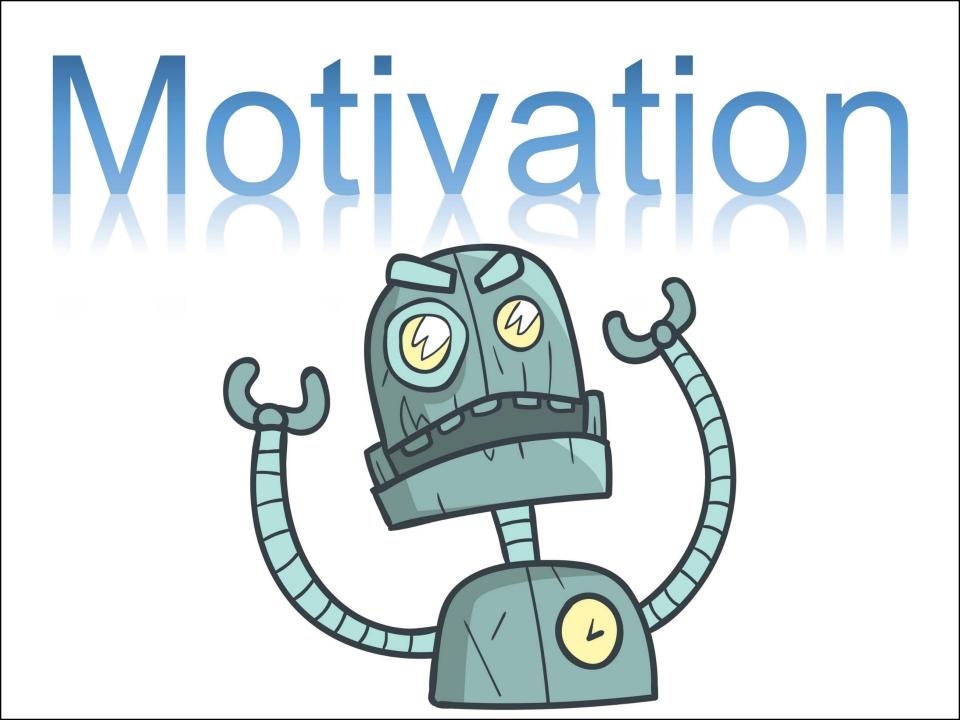
- A.I feel so great, I could be superwoman and superman.
- B.I feel really good, thank you.
- C.A little tired but still fine and ready to learn from this session.
- D.Not sure yet but I am glad to be here today in this session.
- E. Not fully here nor there since I have some personal issues that need to be sorted out.
- F. Overwhelmed and feeling like I am lost in a lost world.
- G.Other.

Opening Activity #1: What is one new pedagogical idea that you thought of or designed during the pandemic...













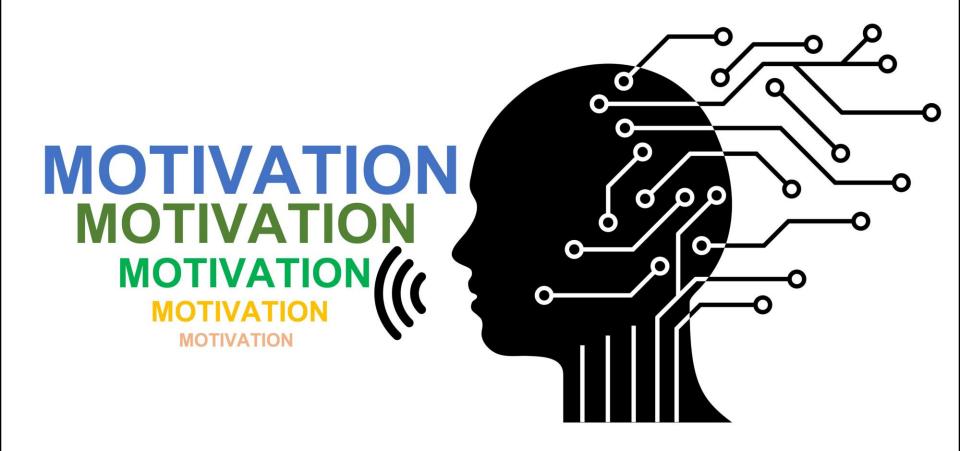












Needed: New Models of Motivation and Engagement



Indian students wear boxes on their heads during exam to prevent cheating

By Jessle Yeung, CNN

Updated 12:28 AM EDT, Tue October 22, 2019







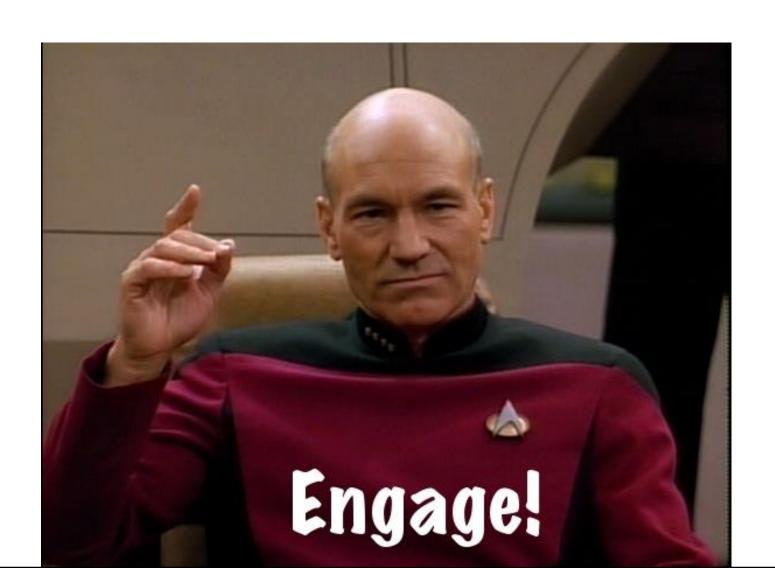
(CNN) — A school in India has apologized after photos emerged of students wearing cardboard boxes on their heads during an exam to discourage cheating.

Bihar cheating scandal: What parents in India will do for good grades

By Kunal Sehgal, for CNN
() Updated 7:31 PM ET, Fri March 20, 2015



Poll: What did Jean-Luc Picard say?



The Creation of Effective Learning Environments

http://study.com/academy/lesson/learning-environment-in-the-classroom-definition-impact-importance.html



Café Classroom and Café Connectedness

Starbucks Your Classroom!

Oskar Cymerman, Teaching Channel

https://www.teachingchannel.org/blog/2016/07/29/starbucks-your-classroom/





Sterile, industrial-era rows aren't very attractive or motivating. ...I believe the "Starbucks" environment will promote that freedom and movement...Freedom is the key ingredient to social-emotional well-being and deeper learning. Rows and columns constrict. They hold and stifle.

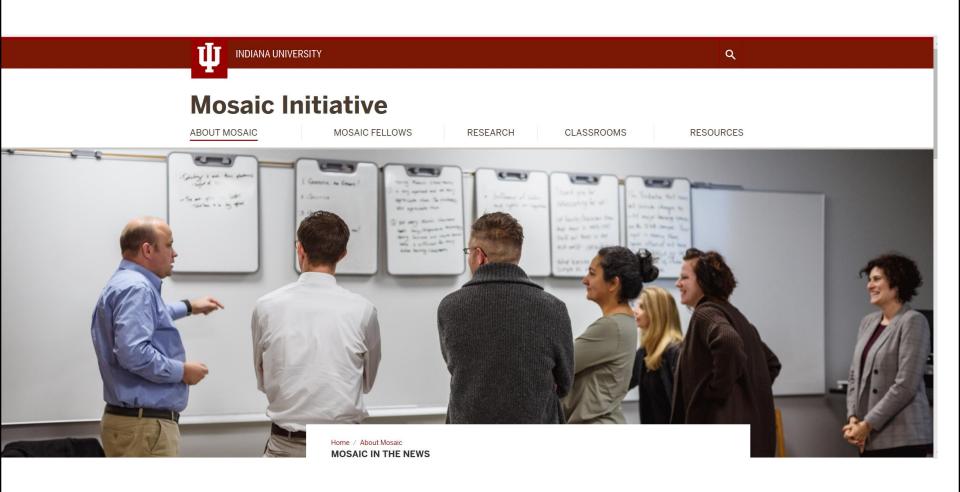
January 27, 2021

Indiana University's Collaborative Theatre: Perspectives on Innovation in Classroom Design EDUCAUSE Review, Merve Basdogan, IU, UITS

https://er.educause.edu/blogs/2021/1/indiana-universitys-collaborative-theatreperspectives-on-innovation-in-classroom-design



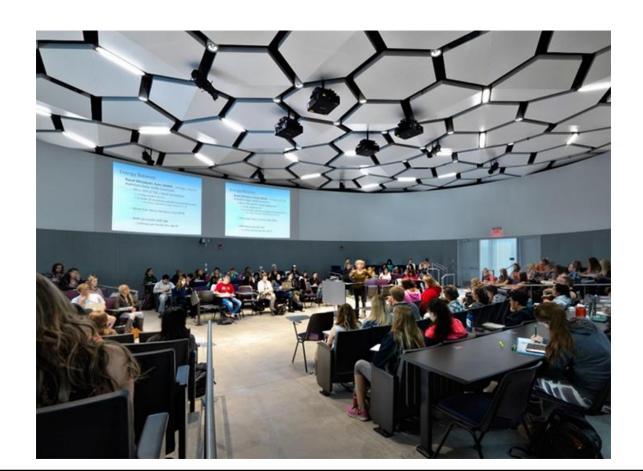
Indiana University Active Learning Classrooms



January 27, 2021

Indiana University's Collaborative Theatre: Perspectives on Innovation in Classroom Design EDUCAUSE Review, Merve Basdogan, IU, UITS

https://er.educause.edu/blogs/2021/1/indiana-universitys-collaborative-theatreperspectives-on-innovation-in-classroom-design



Learning Hub (the University of Adelaide)





The Rise of the Phigital Learner

Going 'phigital?' 4 things schools need to know about Generation Z, Todd Kominiak, TrustEd

http://trustedk12.com/phigital-digital-learning/

3 must know's about the rising "phigital" student-and why their impact is enormous, Meris Stansbury, eCamous News

https://www.ecampusnews.com/campus-administration/education-gen-z-phigital-student/



Going 'phigital?' 4 things schools need to know about Generation Z



POSTED BY: TODD KOMINIAK JULY 11, 2017

July 1, 2021

Online or in-person? Gen Z and millennials find digital life more memorable, study shows Kate Mabus, USA Today

https://www.usatoday.com/story/news/nation/2021/07/01/generation-z-millennial-survey-shows-digital-life-more-memorable/7783597002/

Online or in-person? Gen Z and millennials find digital life more memorable, study shows

Kate Mabus USA TODAY





5 differences between Millennials and Gen Z

How do Millennials and Generation Z compare? A survey by Google shares their differences and similarities. USA TODAY

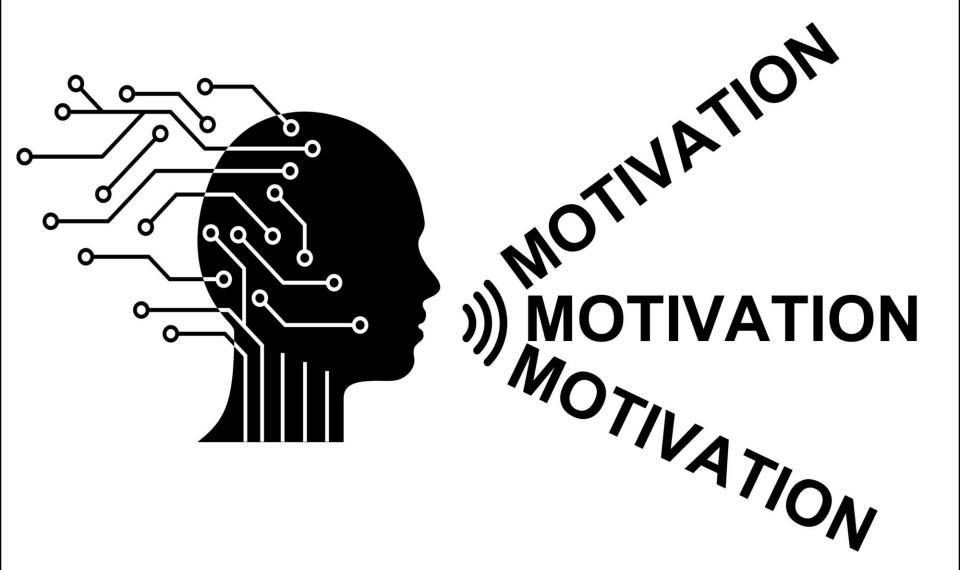


What happens when digital learning surpasses in-person learning?

Talia Kolodny, Director of Partnerships, EMEA, Engageli

Preparing for the 2021 fall semester will still be a challenge with such high levels of uncertainty--digital learning will be critical

If there is one thing the pandemic is teaching us, it's that deep human connections are essential for student and instructor wellbeing and for impactful education. As we move into a hybrid future, technology should not (and cannot!) replace human relationships and communications—it should enhance, enable, and enrich them.



Motivation Research Highlights (Jere Brophy, Michigan State University)

- 1. Supportive, appropriate challenge, meaningful, moderation/optimal.
- 2. Teach goal setting and self-reinforcement.
- 3. Offer rewards for good/improved performance.
- 4. Novelty, variety, choice, adaptable to interests.
- 5. Game-like, fun, fantasy, curiosity, suspense, active.
- 6. Higher levels, divergence, dissonance, peer interaction.
- 7. Allow to create finished products.
- 8. Provide immediate feedback, advance organizers.
- 9. Show intensity, enthusiasm, interest, minimize anxiety.
- 10. Make content personal, concrete, familiar.





Intrinsic Motivation

"...innate propensity to engage one's interests and exercise one's capabilities, and, in doing so, to seek out and master optimal challenges

(i.e., it emerges from needs, inner strivings, and personal curiosity for growth)

See: Deci, E. L., & Ryan, R. M. (1985). *Intrinsic motivation* and self-determination in human behavior. NY: Plenum Press.



Model #1: TEC-VARIETY Model

http://tec-variety.com/
http://tec-variety.com/TEC-VARIETY-Chinese.pdf

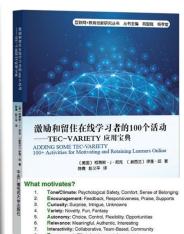
在线学习动机与激励: TEC-VARIETY 模型

一一激励和留住在线学习者的 100 个活动

作者: Curtis J Bonk & Elaine Khoo IU







Engagement: Effort, Involvement, Investment
Tension: Challenge, Dissonance, Controversy
Yielding Products: Goal Driven, Purposeful Vision, Ownership

What motivates?

- Tone/Climate: Psychological Safety, Comfort, Sense of Belonging
- Encouragement: Feedback, Responsiveness, Praise, Supports
- 3. Curiosity: Surprise, Intrigue, Unknowns
- 4. Variety: Novelty, Fun, Fantasy
- 5. Autonomy: Choice, Control, Flexibility, Opportunities
- Relevance: Meaningful, Authentic, Interesting
- Interactivity: Collaborative, Team-Based, Community
- Engagement: Effort, Involvement, Investment
- 9. Tension: Challenge, Dissonance, Controversy
- Yielding Products: Goal Driven, Purposeful Vision, Ownership.



Introducing the TEC-VARIETY Model

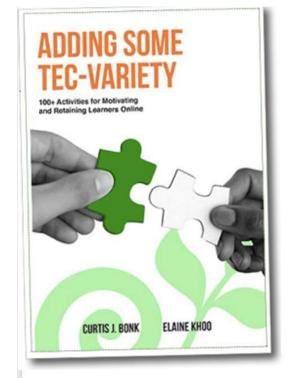
http://tec-variety.com/

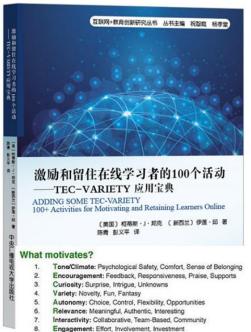
http://tec-variety.com/TEC-VARIETY-Chinese.pdf

Tone/Climate **Encouragement, Feedback**

Curiosity

Variety
Autonomy
Relevance
Interactive
Engagement
Tension
Yields Products

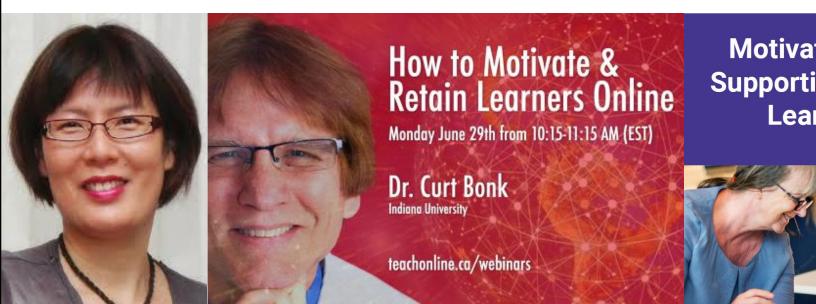




Tension: Challenge, Dissonance, Controversy
Yielding Products: Goal Driven, Purposeful Vision, Ownership

September 2022 Commonwealth of Learning

Khoo, E., & Bonk, C. J. (2022). *Motivating and Supporting Online Learners*. Burnaby, BC, Canada: Commonwealth of Learning. Free book available: http://hdl.handle.net/11599/4481 and free course available: https://colcommons.org/welcome/coursedetails/8; https://www.colvee.org/



Motivating and Supporting Online Learners



September 23, 2022 Motivating and Supporting Online Learners

https://colcommons.org/my-course

Motivating and **Supporting Online** Learners





Motivating and Supporting Online Learners



Motivating and Supporting Online Learners Module 5: Principles of Interactivity and Engagement (IE)

MENU

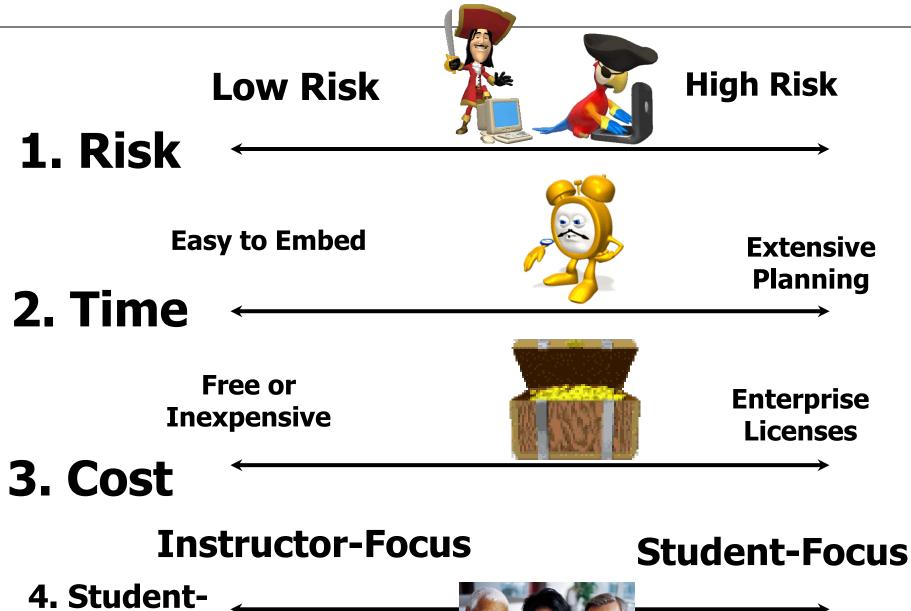
EXIT

Ten Pedagogical Activities to Promote Interactivity (Continued)

The following lists provides an overview of the ten activities:

- · Activity 61: Scholar, Scientist or Innovator Role Play
- · Activity 62: Interactive Learner Questioning and Discussion
- Activity 63: Jigsaw the Online Content
- Activity 64: Flipping the Class
- · Activity 65: Product Brainstorming and Co-creation
- Activity 66: Collaborative Mind Mapping and Idea Visualisation
- Activity 67: Collaborative Video Annotations
- · Activity 68: Video Discussion and Questioning
- Activity 69: Word Cloud Interactions
- · Activity 70: Backchannel Conference and Course Participation





Centered Low H

High

Examples of TEC-VARIETY

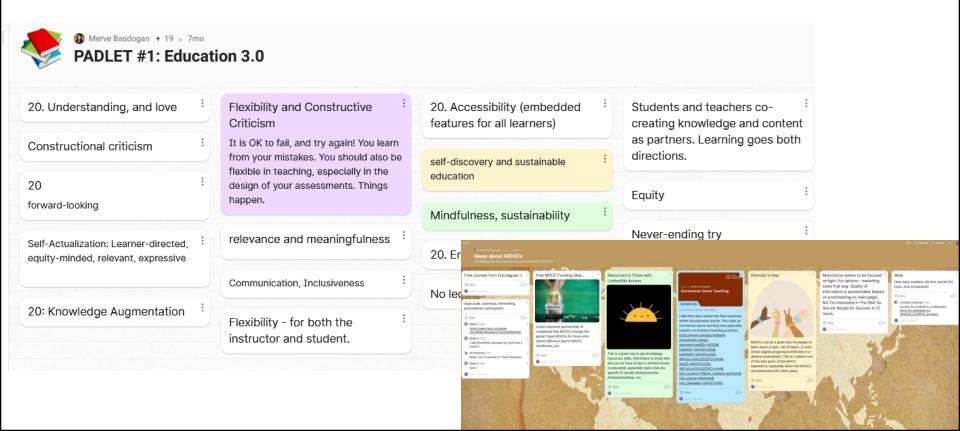




August 27, 2021 1. Tone/Climate:

A. Brainstorming in Padlet. What is Education 3.0?

https://padlet.com/basdogan2/ywl19ct98styolbw



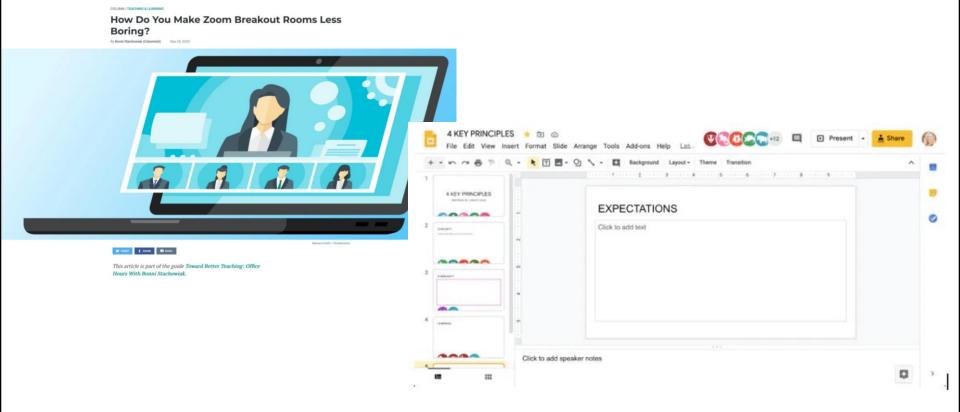
September 24, 2020

1. Tone/Climate: B. Breakout Rooms

How Do You Make Zoom Breakout Rooms Less Boring?, Expectations, Share a link, Introductions

Bonni Stachowiak (Columnist), Ed Surge

https://www.edsurge.com/news/2020-09-24-how-do-you-make-zoom-breakout-rooms-less-boring



April 11, 2020 1. Tone/Climate:

C. Threaded Video Discussions and Questions (e.g., Flipgrid)

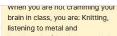
Ed Tech with Adam: https://www.youtube.com/watch?v=hysv0PwqsFs
https://techcrunch.com/2018/06/18/microsoft-acquires-social-learning-platform-flipgrid/





January 13, 2022 1. Tone/Climate: D. Course **Introductions**

(R678) https://padlet.com/cmsmeltz/h6zbzpdfos6x19l (R511) https://padlet.com/sunseol/b1yr49ljxwc6smkc



headbanging/dancing around the house while cleaning, dreaming up new vegan recipes that will satisfy my meat-eating husband.

Last thing you learned: How to play Alestorm's "Sunk'n Norwegian" on my new keyboard.



ripachec1 7h

I saw the home chef mention; I spent the Christmas break getting into no knead baking and it has been wonderfull

Anonymous 1m

Hi Sarah, it's cool that you teach adult ed! I am a big fan of life-long learning, and very interested in adult ed because adults have rich and diverse life experiences and so their learning styles and philosophy are very different from kids. And I minor in adult ed -7ixi

Christian



Full Name: Christian Smeltzer

Hometown: Elkhart, IN

Current Location: Indianapolis, IN



Full Name: Gilbert Dizon

Hometown: Seattle, WA

Current Location: Kyoto, Japan

Current Occupation: English as a foreign language instructor / Computer-assisted language learning researcher

But what do you really do all day?: Teach university English classes, write/review papers, take care of my kids and dogs, run, cycle

Who is your superhero alter ego?: Matt Murdock / Daredevil

When you are not cramming your brain in class you are: Playing with my kids, running or cycling

Last thing you learned: My kids don't like my cooking :(



Jennifer Park 18h We are in the same timezone! I'm in Seoul:)

Last thing you learned

The unicorn is the national animal of Scotland

pjpachec1 7h

I wish that the k-12s would toss most of the curriculum, and teach the true arts (and sciences). Music is so important. My FAVORITE radio show is From the Top on NPR, students are a maeter musicians. I am on the listsery and receive a short performance in my email every morning. Best part of the day. https://fromthetop.org/listen /?gclid=CiwKCAiA24SPBhB0EiwAiBgk hqcW1Q9JpoyYWNnyyU_HUuJrIH8O DgvcaKp6fC-FednS0bLdLUPQhoCciMQAvD_BwE

I was a k-6 teacher for 11 years, and I tried to use art as my the academic years. I used to teach at a thematic instruction school.

So glad you are finishing the cancer journey Emily...I remember the beginning.



Hometown: Providence, Rhode

안녕하세요 My wife is Korean and her last name is Park, but it is a very common last name. We drive to Los Angeles and Orange County, CA and there are many Korean people in southern California.

True! Park is the third common last name in Korea following Kim and Lee. I really miss OC and LA - the weather, food, culture, sports, beach, and shopping. I have relatives and friends there and would like to visit

Curt Bonk Bio



Pic from Saudi Arabia in February 2011 at the ELI (E-Learning Initiative) conference.

Hometown: Milwaukee. WI Current Location: By my standing desk in my basement office in Bloomington TN

Current Occupation: Professor, writer, speaker, mentor

What do you want to do all day: Create daily pull off calendars, greeting cards, and books (as a professional writer).

When you are not cramming your brain with R678 stuff; I am logging on the Bloomington Rails to Trails.

soaks up hydraulic fluid in less than 10 minutes.

Jennifer Park 18h

4.500 cookies, wow! I think I'm an "okay" cook but I have never tried baking before.

Belle Li 😊



Pic with my dog-coconut

Full Name: Belle Li

Chinese Name: 陈楚乔 chēn chǔ

Hometown: Zhejiang, China

Current Location: Bloomington, IN

Current Occupation: Student, Visiting Faculty at EALC, Dog Walker Cook

But what do you really do all day?: Trying to figure out what's right, what's wrong, and what's going on.

Who is your superhero alter ego?:

That's Amazing! I'm a terrible

dancer... but I do like watching neonle dance 1

rinachec1 7h

Bob Pacheco My wife and I dance, and tango requires so much precision. Well done.

Ge Yan



Current Location: Bloomington, IN

Current Occupation: Student, Staff

But what do you really do all day?: Solve business problems with IT solutions

Who is your superhero alter ego?: Super: Batman Alter: Starlord

When you are not cramming your brain in class you are?: Cooking and Reading

Last thing you learned: Python NLTK



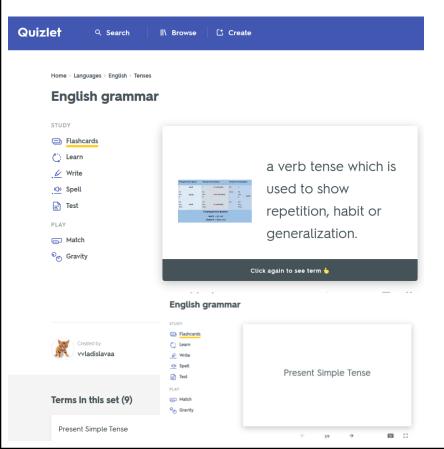
Jennifer Park 18h

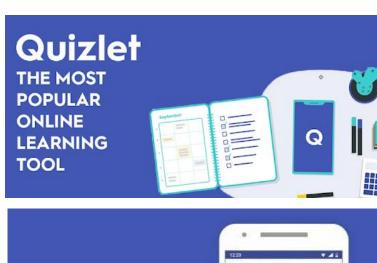
Good to see you in this class, Ge!

2. Encouragement, Feedback:

A. Online Practice Tests and Interactive Flash Cards

http://quizlet.com/

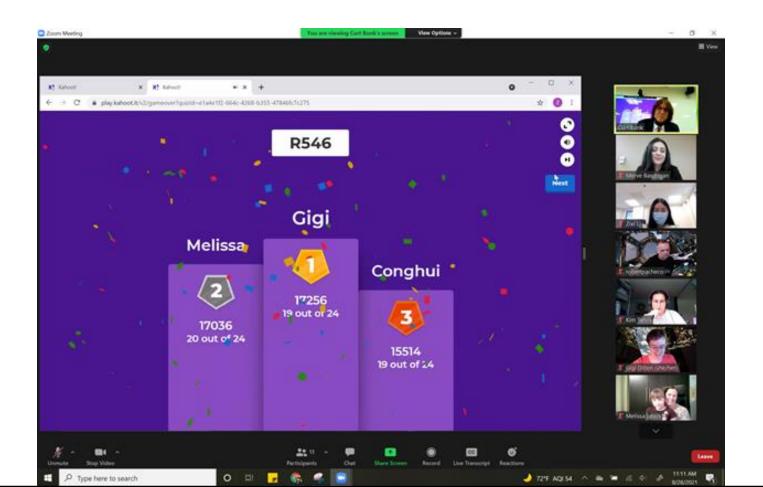






August 28, 2021

- 2. Encouragement, Feedback:
- **B.** Interactive Kahoot Quizzes



July 18, 2020

3. Curiosity, Intrigue, Unknowns:

A. Global Language Online Support Systems

(blogs, online news, online dictionaries)

https://www.cnn.com/interactive/relaunch/ or https://www.cnn.com/specials/multimedia/cnn-interactives

Visit an instructional news website—CNN Interactive. Read one news article and try out the language exercises. Note 10 new words and find their definitions using an online dictionary.







The 1970s were wild times: from Watergate to Disco... the Vietnam War to Star Wars. How much do you know about the infamous decade? Test your '70s knowledge and see if you're Dyn-









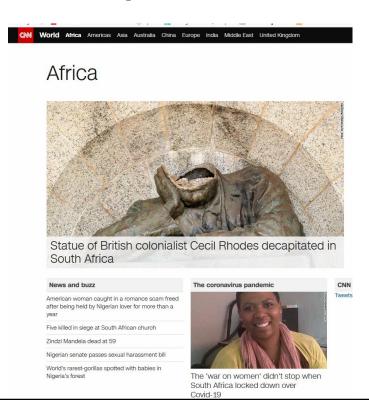


Who's out?

2016 candidate tracker: Who's in?







3. Curiosity, Intrigue, Unknowns: B. Multimedia News

(e.g., This may be the oldest surviving Photo of a human, November 7, 2014, CNN, Brandon Griggs; But this image, taken in Paris, France, in 1838)

http://www.cnn.com/2014/11/06/living/oldest-photograph-human-daguerre/index.html?hpt=hp_t4 kong





July 1, 2022

3. Curiosity, Intrigue, Unknowns:

C. Inquiring Minds want to Know

This man and his dog spent seven years walking around the world,

Tamara Hardingham, CNN

https://www.cnn.com/travel/article/this-man-and-his-dog-spent-seven-years-walking-around-the-world/index.html

Think of a news topic and five questions about this topic. Search for the news topic on the BBC, Google News, or Yahoo! News and choose a news article to read. Write down the search word(s) and questions.



travel



Tom Turcich, from New Jersey, and his dog Savannah spent seven years walking around the world together.

December 4, 2020

3. Curiosity, Intrigue, Unknowns:

D. Mysterious monoliths are appearing across the world. Here's what we know. Constance Grady, Vox

https://www.vox.com/culture/22062796/monoliths-utah-california-romania

From left: The California monolith, the Utah monolith, and the Romanian monolith. Luke Phillips/Twitter; Utah Department of Public Safety; Andrei Carabelea/Facebook

Mysterious monoliths are appearing across the world. Here's what we know.

We don't know where the mysterious monoliths come from. But we do know they're art.

By Constance Grady | @constancegrady | Dec 4, 2020, 12:00pm EST





The Utah monolith appeared with no warning. | Utah Department of Public Safety



July 8, 2022

3. Curiosity, Intrigue, Unknowns:

E. Multimedia News

Dinosaur discovered in Argentina suggests why many prehistoric predators had small arms **Wyatte Grantham-Philips**, USA TODAY

https://www.usatoday.com/story/news/world/2022/07/08/new-dinosaur-species-argentina-meraxes-gigas/10011585002/

Dinosaur discovered in Argentina suggests why many prehistoric predators had small arms



18 p.m. ET July 8, 2022 | Updated 2:15 p.m. ET July 10, 2022





This December 13, 2021, illustration courtesy of the University of Minnesota shows a new dinosaur Meraxes gigas CARLOS PAPOLIO. University Of Minnesota/AFP Via

'Tiny bug slayer': Meet the pint-size ancient ancestor of dinosaurs discovered in Madagascar

Ryan W. Miller USA TODAY had 9:42 a.m. ET Jul. 7, 2020 | Undated 3:14 n.m. ET Jul. 7, 2020





Scientists report the discovery of a "shockingly small" predecessor to dinosaurs and pterosaurs. GeoReats. Ger

A pint-size predator to bugs may provide scientists clues about the ancient ancestors of dinosaurs and pterosaurs, a study published Monday suggests.

Standing about 4 inches tall, Kongonaphon kely could be one of the last common



July 26, 2021

3. Curiosity, Intrigue, Unknowns: F. Use Something in the News Almost 500 Days into His Run Streak, Eddie Gieda Shows Us Love Knows No Limits

Tanya Russell, Runners World

https://www.runnersworld.com/runners-stories/a36867448/eddie-gieda-run-streak/

Almost 500 Days into His Run Streak, Eddie Gieda Shows Us Love Knows No Limits

"It's much easier for me to say, 'Am I really going to take my first day off in 430 days?' I'm going to get out there and run."

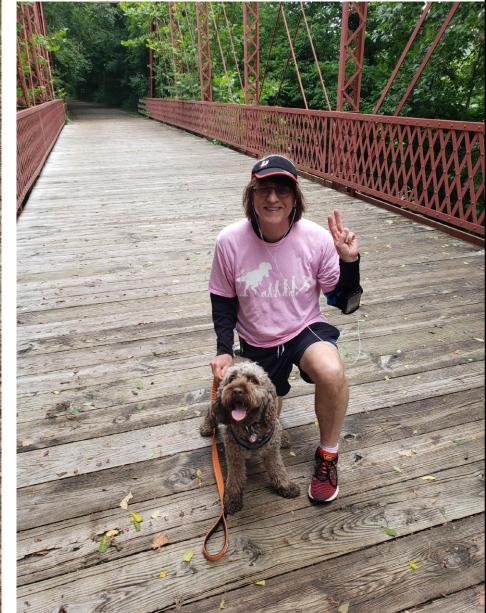


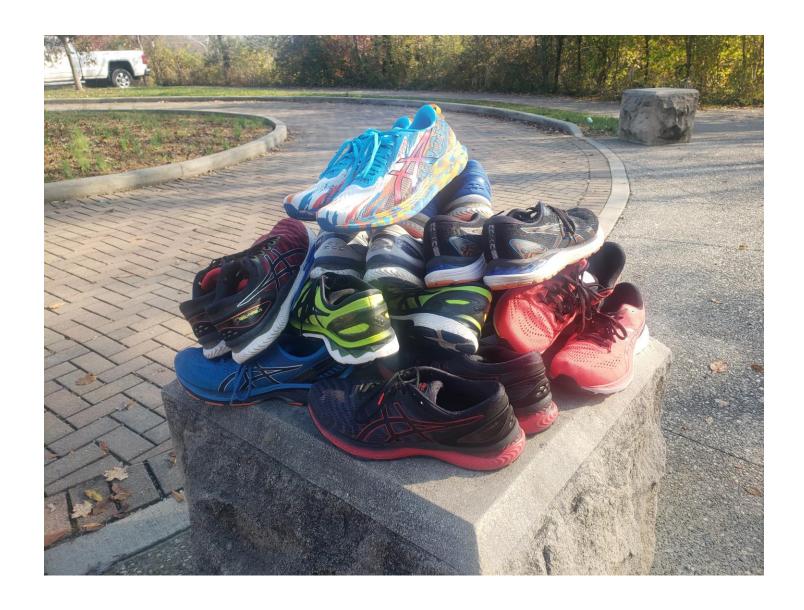




It all started on the banks of the Ganges River, and it continues on through the streets of Philadelphia. Eddie Gieda, 43, has been running daily for almost 500 days since February 19, 2020, in honor of his wife, Amanda, who lost her life in a tragic motorcycle accident.







October 2, 2021 4. Variety, Novelty, Fun, Fantasy:

A. Reverse Brainstorming in Jamboard

https://jamboard.google.com/d/1uf5b2OJdvciFVIO5qhaIxuGCLQ3xP-mIGPvF7kdjKA4/viewer?f=5

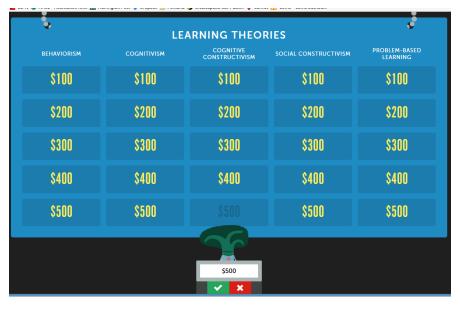


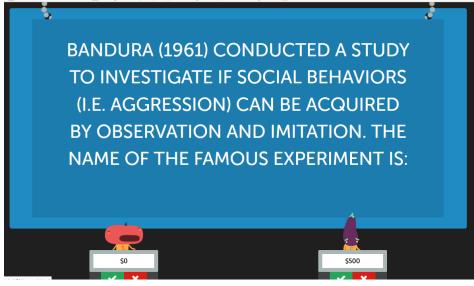
4. Variety, Novelty, Fun, Fantasy:

B. Online Test/Quiz Review Games

(e.g., Jeopardy Rocks)

https://www.jeopardy.rocks/r511merve/

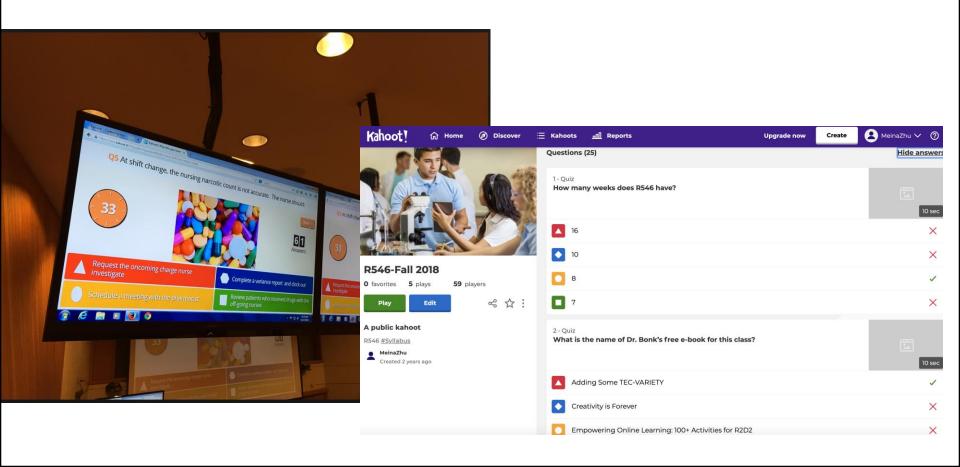




Fall 2018 R546

4. Variety, Novelty, Fun, Fantasy: C. Kahoot! Competitions

https://getkahoot.com/



4. Variety, Novelty, Fun, Fantasy: D. 99 Second Quotes and Set Time Presentations

(L = Cost, M = Risk, M = Time)

- Everyone brings in a quote that they like from the readings
- You get 99 seconds to share it and explain why you choose it in a sync chat
- Options
 - Discussion wrapped around each quote
 - Link or debate quotes online





4. Variety, Novelty, Fun, Fantasy:

E. Random Lists

(Random.org—clocks, coins, playing cards, dice, integers, passwords, jazz scales, lists, sequences, etc.)

RANDOM.ORG

Coin Flipper

You flipped 2 coins of type Irish €1:



Timestamp: 2011-08-13 01:04:43 UTC

Flip Again Go Back

Dice Roller

You rolled 2 dice:





Timestamp: 2011-08-13 01:0

Roll Again

Go Back

RANDOM.O

List Randomizer

There were 10 items in your list. Here they are in random order:

There were to items in your isc. Here they are in random order.	
1. 1 Bill	Random Sequence Generator
2. 9 Arthur	
3. 10 Thomas	Here is your sequence:
4. 2 Shelley	20
5. 7 Stacey	10
6. 3 Sharon	11
7. 5 Susie	9
8. 8 Stephanie	13
9. 4 Ned	12
	5
10. 6 Brian	8
	3
Timestamp: 2011-08-13 01:0	15
	18
Again! Go Back	16
	17
	2
	6 19
	4
	14
	14

Timestamp: 2011-08-13 01:11:03 UTC

July 18, 2020 5. Autonomy, Choice: A. Enroll in a MOOC and Reflect (e.g., see Class Central)



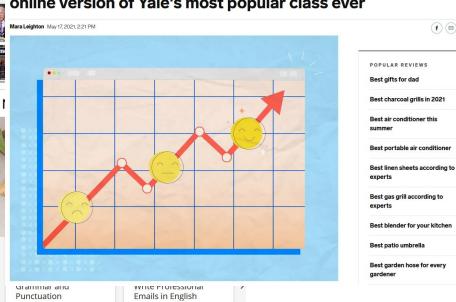
O Play Video

Q Sign In (Re

University of California, Irvine



3 things I loved about The Science of Well-Being, the free online version of Yale's most popular class ever



Georgia Institute of Technology



The Body Matters: Why Exercise Makes You Healthy and How to Stay Uninjured

Learn from leading global experts about the benefits of physical activity and how to prevent and treat injuries.



Archived: Future Dates To Be Announced

Enroll Started Mar 1, 2017 I would like to receive email from McGillX and learn about other offerings related to The Body Matters: Why Exercise Makes You Healthy and How to Stay

Courses - Programs & Degrees - Schools & Partners edX for Business

(f) (☑)

5. Autonomy, Choice:

B. Reflect on Podcasts and Webcasts

(e.g., Silver Lining for Learning)



Home Episodes Blog About 🔎



Episode 52 | Reaching Out and Reaching In | East Asian Women Leaders in Educational Technology

by Curtis Bonk | Mar 22, 2021 | Episodes















Pedagogical Uses of the Silver Lining for Learning Videos

- 1. Watch 1 or more SLL episodes and write review or reflection papers.
- 2. Watch 5 or more episodes and look for themes or common issues.
- 3. Draft educational change models, frameworks, or systems.
- 4. Assign students to interview one or more prior SLL participants.
- 5. Draft mini-chapters based on 10 or more of these interviews into a book.
- 6. Invite one or more SLL participants to class for a chat or interview.
- 7. Based on one or more SLL shows have class draft a set of future trends papers.
- 8. Remix episodes with the most informative aspects of 3 or more videos to create a theme video.
- 9. Hold online discussion forums on various episodes.
- 10. Create online role play or debate activities based on different episodes.
- 11. Have student's interview (i.e., a follow-up) one of more of the people from an SLL show for a second set of videos or a set of reflection papers.
- 12. Assign students to categorize, tag, rank, or organize the SLL videos.

5. Autonomy, Choice:

C. Tracking the Life of a Medical Professional (e.g., biography.com)

https://www.biography.com/scientist/alexander-fleming



Alexander Fleming Biography

Biologist (1881-1955)

UPDATED: JUN 26, 2019 · ORIGINAL: APR 27, 2017









Alexander Fleming was a doctor and bacteriologist who discovered penicillin, receiving the Nobel Prize in 1945.

Synopsis



NAME Alexander Fleming

> OCCUPATION Biologist

BIRTH DATE

August 6, 1881

March 11, 1955

EDUCATIO

Darvel School, Regent Street Polytechnic (now the University of Westminster), Louden Moor School, University of London, St. Mary's Hospital Medical School, Kilmarnock Academy Alexander Fleming was born in Ayrshire, Scotland, on August 6, 1881, and studied medicine, serving as a physician during World War I. Through research and experimentation, Fleming discovered a bacteria-destroying mold which he would call penicillin in 1928, paving the way for the use of antibiotics in modern healthcare. He was awarded the Nobel Prize in 1945 and died on March 11, 1955.

Early Years

Alexander Fleming was born in rural Lochfield, in East Ayrshire, Scotland, on August 6, 1881. His parents, Hugh and Grace were farmers, and Alexander was one of their four children. He also had four half-siblings who were the surviving children from his father Hugh's first marriage. He attended the Louden Moor School, the Darvel School and Kilmarnock Academy before moving to London in 1895, where he lived with his older brother, Thomas Fleming. In London, Fleming finished his basic education at the Regent Street Polytechnic (now the



5. Autonomy, Choice: D. Design Multimedia Glossaries

P540 Final Assignment: Nate Wynne, Supersized Personal Course Glossary

http://natewynne1982.wix.com/p540courseglossary

Ozgur Ozdemir, December 2012

http://r685glossary.shutterfly.com/

Umida Khikmatillaeva, Dec. 2011, P540

http://learningplanet.shutterfly.com/





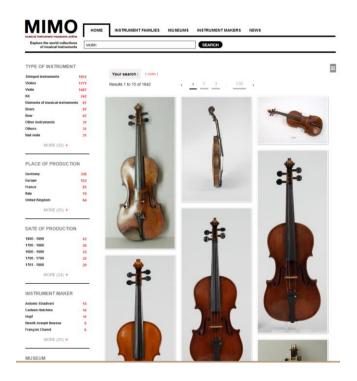
March 11, 2022

5. Autonomy, Choice:

E. Explore Open Educational Resources Museum Computer Network Inc. (MCN)

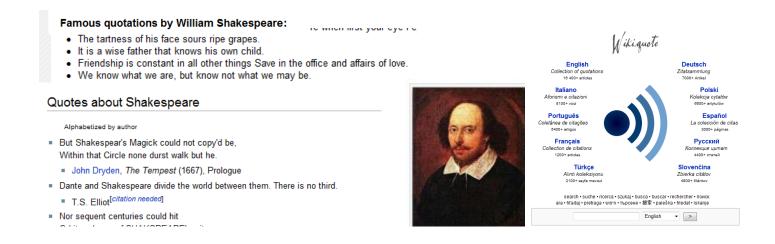
https://mcn.edu/a-guide-to-virtual-museum-resources/





5. Autonomy, Choice: F. Nominate Quotes (e.g., Shakespeare)

- Students can explore online quotes (Wikiquote).
- Suggest best ones.
- Respond to other suggestions.

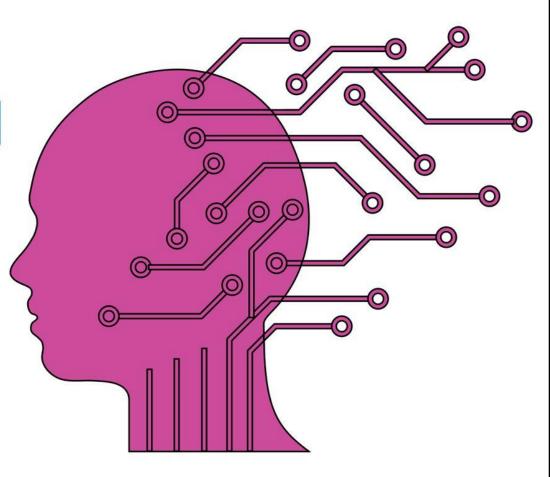


MOTIVATION MOTIVATION

MOTIVATION MOTIVATION

MOTIVATION

MOTIVATION



Poll: Any light bulbs going off in you head so far?

- a. Yes definitely...many of them...pop...pop!
- b. Yes, several times.
- c. Yes maybe!
- d. Not yet (but hopefully soon…)
- e. Nope. Darn it my brain is not working today.
- f. There's no hope with this idiot presenting.





6. Relevance, Meaningfulness:

A. Language Lessons Online

e.g., BBC Learning English, Duolingo, Babbel, SpanishPod, etc. (Zixi Li & Curt Bonk, June 2022, Duolingo Research)

http://www.bbc.co.uk/learningenglish



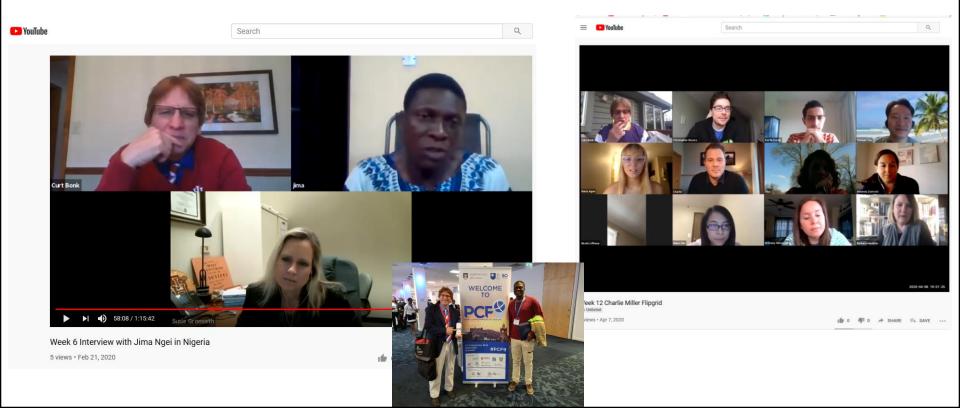


April 6 and 28, 2020

6. Relevance, Meaningfulness:

B. Weekly Guest Expert Chats

SMILE, Paul Kim Stanford, https://youtu.be/bfJDsI1hVLU February 22, 2020, Jima Ngei in Nigeria (1 hour 15 minutes) Video: https://youtu.be/sM6VMsfQJXc

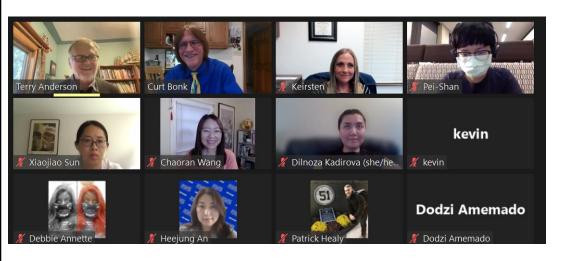


Expert Interviews and Discussions

Students might read the biography or resume of the guest as well as available articles, books, and other resources about this person. Next, the guest might respond to questions from the class based on these resources.

August 24, 2021, Terry Anderson

September 17, 2021, Expert chat session with Richard Mayer (1:17:47): https://youtu.be/pVo7IRsbgkA

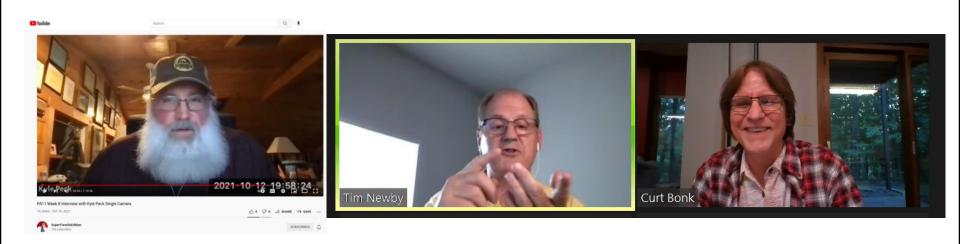




Expert Life Stories

The guest expert might detail different stories or situations that he or she has encountered related to a certain topic of the class. Students in the class can comment on them and ask questions as needed.

(October 12, 2021, R511 Week 8 Interview with Kyle Peck Single Camera (1:10:38): https://www.youtube.com/watch?v=ycKFA6x-f-Q



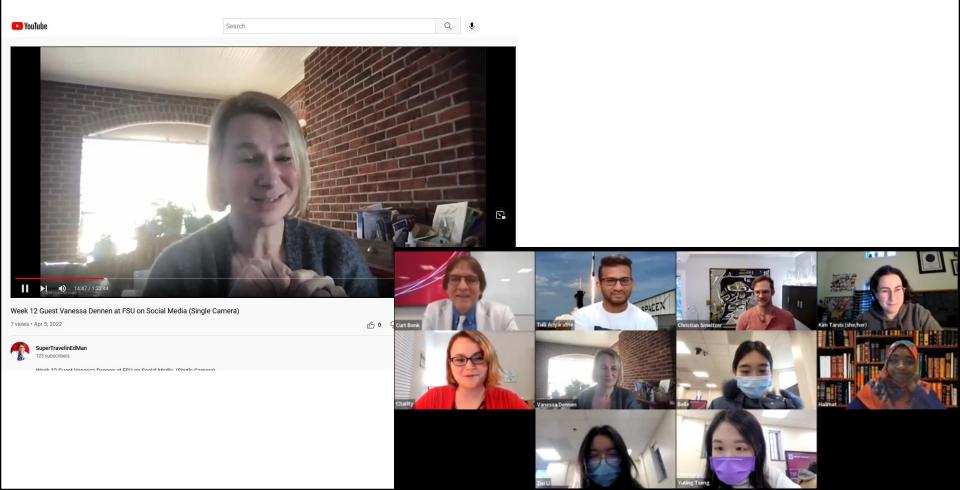
February 22, 2022 Two Experts R511 Khendum Gyabak and Anita Vyas



April 4, 2022

Live Author and Researcher Interviews

R678 Guest Vanessa Dennen at FSU on Social Media https://www.youtube.com/watch?v=-OT2UYE4XRU



March 1, 2022 Article Reflections

Som Naidu, Fiji and Melbourne and Shironica Karunanayaka, Sri Lanka





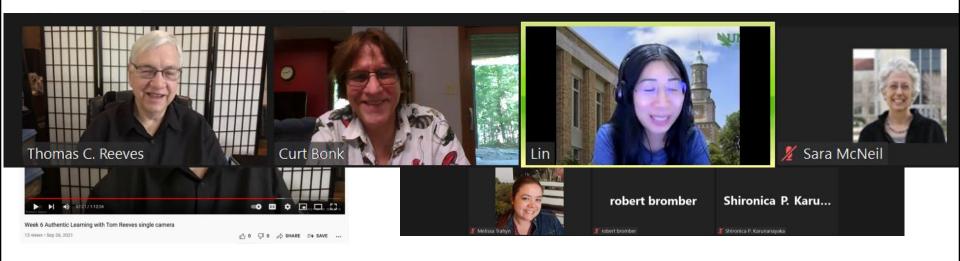


Expert Session Archive Reviews and Discussions

A class might watch one or more guest expert sessions from a previous semester and form discussion groups based on controversial, confusing, or complex aspects of such sessions.

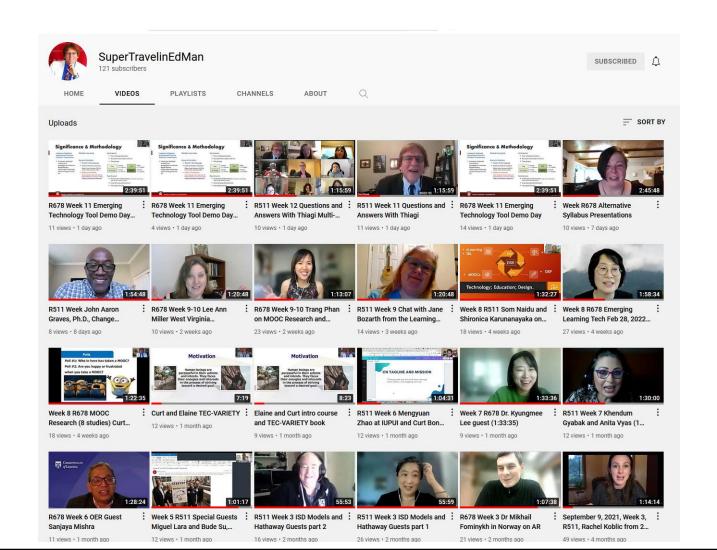
September 26, 2021, Week 6 Authentic Learning with Tom Reeves (1:12:24),

https://www.youtube.com/watch?v=5pSZJiW3XTw



SuperTravelinEdMan

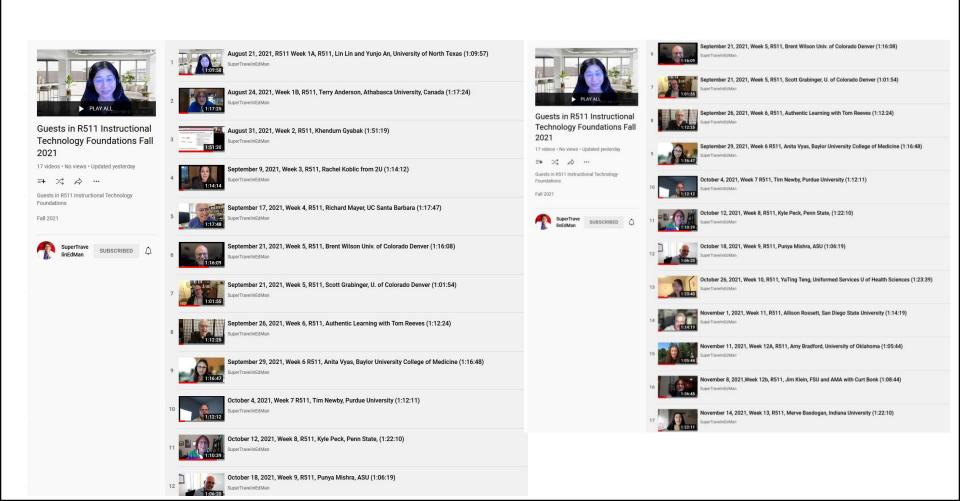
https://www.youtube.com/c/Trainingshare/videos



November 27, 2021

6. Relevance, Meaningfulness:c. Guest Chats Playlists, R511, Fall 2021

https://youtube.com/playlist?list=PLHcReRoW2lxPeQcA1LKHnjl1lMPllpKWp

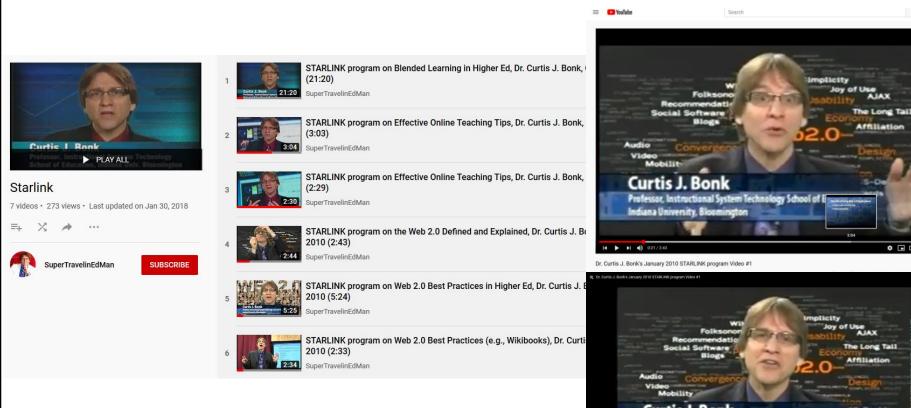


April 25, 2020 (SuperTravelinEdMan)

STARLINK programs on Online and Blended Learning and the Web 2.0

October 2008-January 2010

https://www.youtube.com/playlist?list=PLHcReRoW2lxOrKfYXJyy3y40ZVccDcwEv



stem Technology School of Educati

Pedagogical Uses of Shared Online Videos

- 1. Watch and write review papers
- 2. Watch and look for themes or common issues
- 3. Draft educational change models, frameworks, or systems
- 4. Interview prior participants
- 5. Draft mini-chapters based on episodes into a book
- **6. Write future trends papers**
- 7. Remix episodes
- 8. Tag, rank or categorize the episodes
- 9. Online discussion forums on episodes
- 10.Online role play or debate different episodes

February 7, 2022 7. Interactive, Collaborative: A. Team Article Summaries in

https://jamboard.google.com/d/1XkXikFNUCJBvVg7gYhd6N73NZQ8cV60F

Jamboard

Week Article #6 Themes and Questions

key points

World of Warcraft: massively multiplayer online game(MMOG)

zone of proximal development

The paper analyzes the way players learn this complex game through chat conversation with peers.

persistent conversations

participant observation / 30 in-depthinterviews issue

examine conversational activity in the zone of proximal development to investigate the nature of learning in World of Warcraft. Not every learning conversation involved emotion, but the drama, humor, and intimacy in conversations were unmistakable.

evidence of a zone of proximal development shaped by peers who voluntarily teach others in persistent conversations.

the learning culture of World of Warcraft is constituted by players themselves through chat conversation. learners accomplish more with the aid of experienced peers than they could on their own

> Vygotsky formal learning

What other persistent online conversations may provide a curriculum with some structure?

questions

learning experience in the ZPD as it unfolded in event-driven, erratic, spontaneous, emotion laden conversations closely tied to the context of

the human

conversation always

affords opportunities

for emotion. Learning

in conversation in

generate more

possibilities for

emotional

games would likely

engagement than,

say, online tutorials

Vygotsky did not neglect more experienced peers as the other potential resource in the ZPD. d a

June 27, 2020

Interactive, Collaborative:

B. Team Management and Project Coordination

Trello is a team management tool and list-making application to organize online group tasks easily. Trello is for teams to organize team work. However, teachers can use it to manage online group projects or homeschooling activities like in this

Example: https://youtu.be/L6fUOMXnKxU?t=132



Samira Hadid

Add a card.

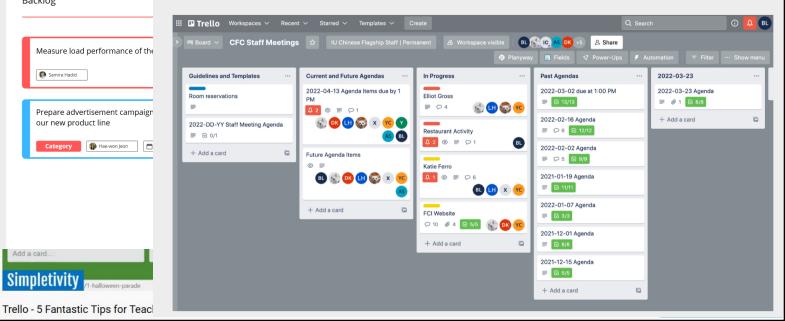
Simpletivity

our new product line

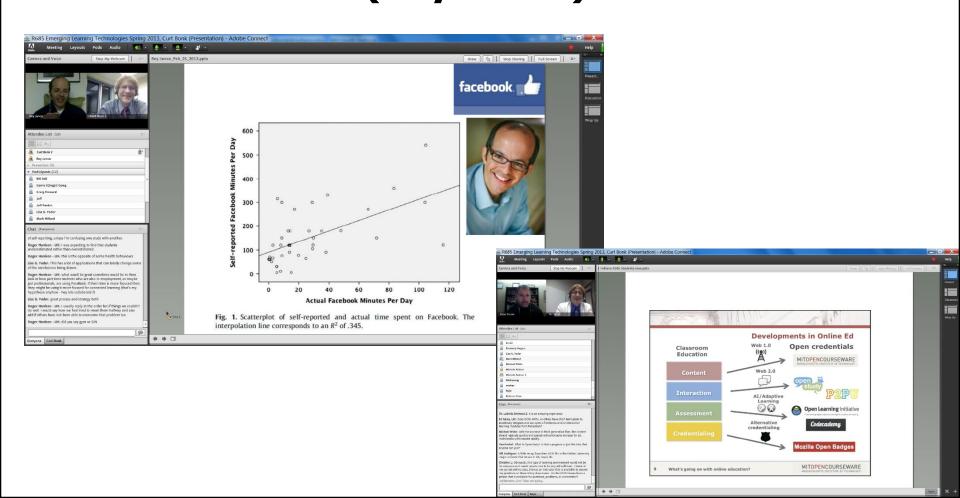
Hae-won Jeon

Trello Examples

(5) Weekly Meeting Planning and Documentation



7. Interactive, Collaborative: C. Guest Speaker Quotes (Rey Junco)



7. Interactive, Collaborative:

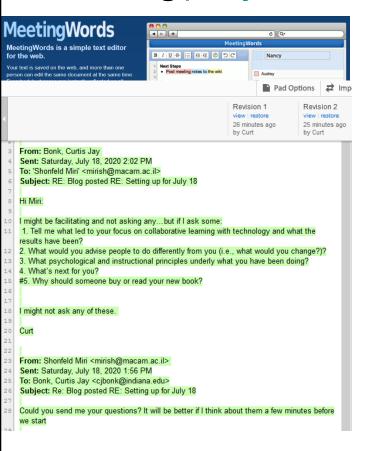
D. Negotiate Meanings Online

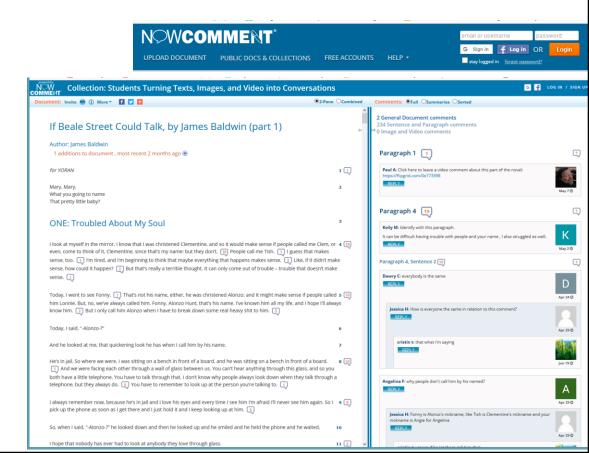
(e.g., MeetingWords: http://meetingwords.com/)

http://blogs.elon.edu/technology/6-collaborative-writing-applications-for-group-projects-or-papers/

Also: Google Docs, NowComment, etc. (MixedInk and PiratePad are no more)

e.g., https://nowcomment.com/documents/131228



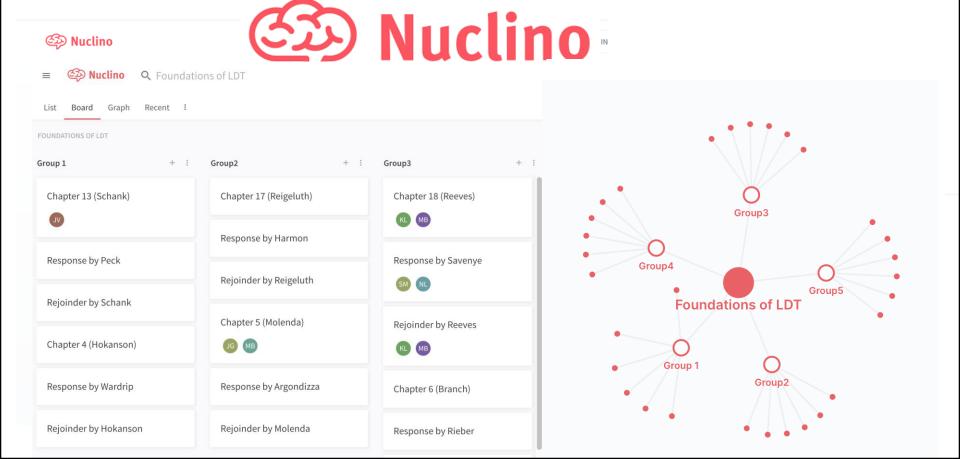


Fall 2019, R511

7. Interactive, Collaborative:

E. Team Article Debates

Nuclino (like a wiki...may delete by mistake, trial version, limited)



July 15, 2022

7. Interactive, Collaborative:

F. Interaction: Collaborative Strategy Use

Archaeologists Begin First-Ever Excavation of Tomb Linked to King Arthur

In break out rooms in Zoom:

- Choose news article from online sources.
- ask students to read news articles out loud with their partners.
- and record their reading processes. This activity helps students identify reading strategies.

Archaeologists Begin First-Ever Excavation of Tomb Linked to King Arthur

Britons first proposed a connection between Arthur's Stone and the mythical ruler of Camelot before the 13th century







Ancient monument linked to King Arthur is older than Stonehenge, research finds

By Tom Metcalfe published August 27, 2021









The ancient monument is linked by legends to the mythical King Arthur, but archaeologists say it was bui in the Neolithic period almost 6,000 years ago. (Image credit: University of Manchester)

June 20, 2021

7. Interactive, Collaborative:

G. Color-coded revision history of Google Docs during a collaborative writing task

Mirco theme 3: Appealing Lexus car

The advertisement not only reveals the new product, but it also reveals the implicit meaning to broad meaning. The better an advertisement is, the more critical strategies it uses to drag the consumers' interests. It uses elements such as Aristotle's three rhetorical appeals and the analysis tools in order to make consumers or viewers feel the allure of the new product.

The unveiling of a new luxurious car from Lexus, a world-known high end brand, advertises to potential consumers in many ways. By giving an example among them is that the brand itself already gives a credibility to the target consumers. The advertisement does not need to utilise an unnecessary amount of sophisticated words in effort to wow their audience as Lexus knows that a majority of consumers are already familiar with their brand's name. Their brand

something that everyone will definitely remember you by, and by placing the words directly below the product they are advertising, implies that their car could be that very thing.

The use of pathos in this advertisement is ingenious, it uses color, brightness, clothing, facial expression, distance, and the structure of the photo to bond the car with certain impressions.

like wealth, stylish life, another sex's attention, and high s

June 3, 2020

7. Interactive, Collaborative:

H. Collab Annotation and Group Reading (Perusall)

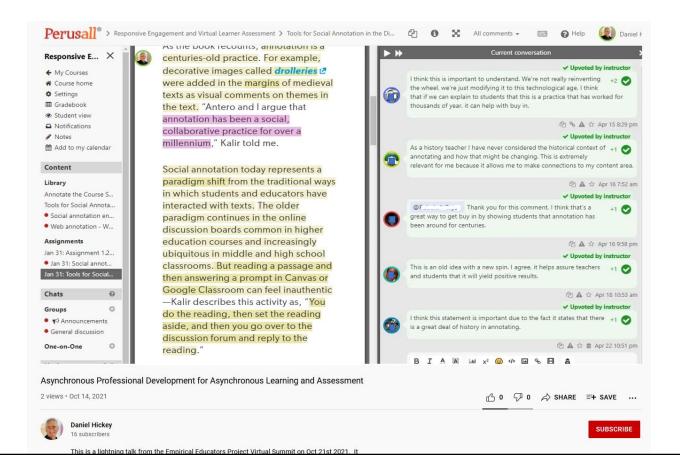
How to Do Collaborative Annotation and Group Reading in Perusall for Online or Blended Classrooms EdTech with Adam: https://www.youtube.com/watch?v=edb9IECompA
https://perusall.com/



October 14, 2021

7. Interactive, Collaborative: Perusall, Dan Hickey

Asynchronous Professional Development for Asynchronous Learning and Assessment https://www.youtube.com/watch?v=la03oi6Naso



June 18, 2021

- 7. Interactive, Collaborative:
- I. Example of a synchronous hybrid English class for rural Chinese students.



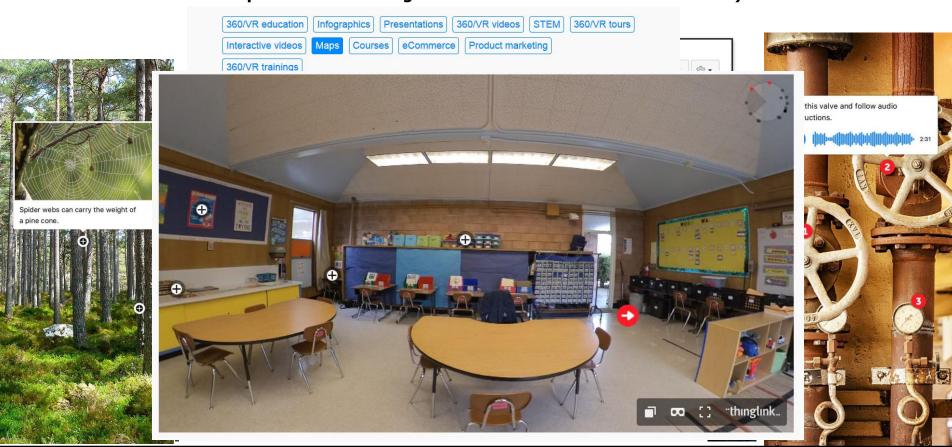


July 8, 2020

8. Engagement, Involvement: A. Interactive Maps (Thinglink: interactive map creator)

https://www.thinglink.com/

(Thinglink (Freemium): Direct students to the discussions, assignments, course files, and syllabus. She added hyperlinks to pictures or videos to facilitate navigation. Thinglink makes any still picture interactive. You can put links into a picture and students easily navigate to necessary website. For example, it is used commonly for online history and geography courses. The teachers put links on a map and students can go to relevant unit and related video link.)

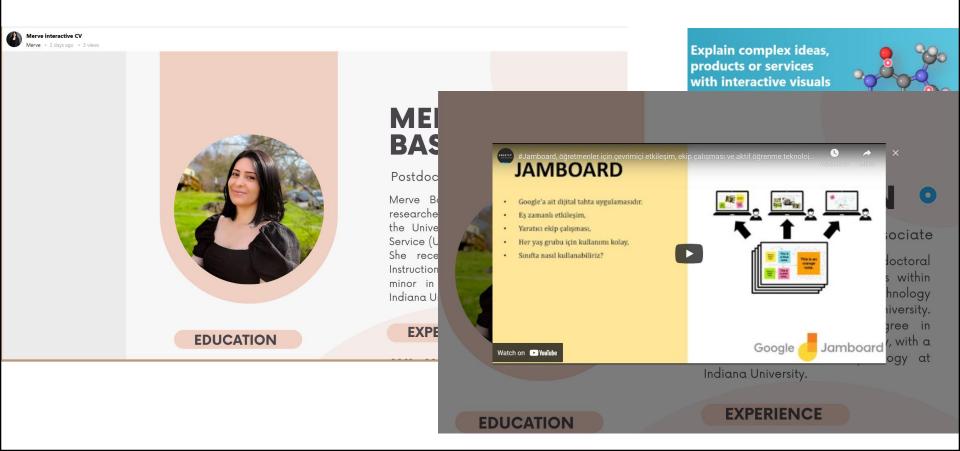


April 11, 2022

8. Engagement, Involvement:

A. Embedding Links (i.e., ThingLink)

https://www.thinglink.com/mediacard/1264679527141867522



May 28, 2019

8. Engagement, Involvement: B. Virtual Reality Comes to the Classroom Beth McMurtrie, The Chronicle of Higher Education

https://www.chronicle.com/interactives/20190528-ImmersiveTech



Using a special recording system, Hamilton College created a virtual-reality experience for students in a conducting class. Heather Buchman, a music professor, first recorded a performance using 3-D audio and video. (*Andrew Groll*)

Students later practiced conducting the virtual orchestra by wearing a special headset through which the sound of the orchestra changes as they turn their head. (*Ben Salzman*)



February 6, 2021

8. Engagement, Involvement:

C. Watch This Billion-Year Journey of Earth's Tectonic Plates Robin George Andrews, The New York Times

World Animation: https://vp.nyt.com/video/2021/02/05/91655 1 06tb-tectonicplates-vid wg 720p.mp4

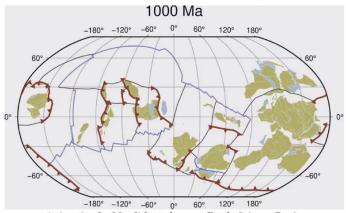
https://www.nytimes.com/2021/02/06/science/tectonic-plates-continental-drift.html

View Online: https://www.nytimes.com/2021/02/06/science/tectonic-plates-continental-drift.html

The New York Times

Watch This Billion-Year Journey of Earth's Tectonic Plates

A new simulation offers a different view of how the continents we live on drifted into their current configuration.



Animation by Merdith et al. 2021, Earth-Science Reviews

Watch Animation Online: https://tinyurl.com/y6ojmou7

8. Engagement, Involvement:

D. Interactive Labs and Simulations

http://phet.colorado.edu/en/simulation/energy-skate-park



Simulations

New Sims

Physics

Motion

Sound & Waves

Work, Energy & Power

Heat & Thermo

Quantum Phenomena

Light & Radiation

Electricity, Magnets & Circuits

Biology

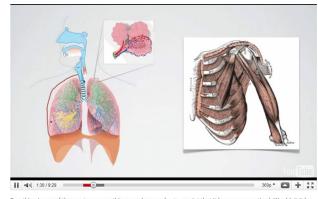
Chemistry

Earth Science

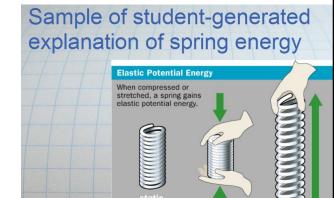
Math

Color Vision





Breathing is one of the most common things we do everyday to a point that it becomes unnoticed. Wouldn't it be great to learn what happens behind this process? What exactly happens when we breathe air in and out of our body? Watch this video as Leslie teaches once again in such an easy way to make it all easy for us to understand

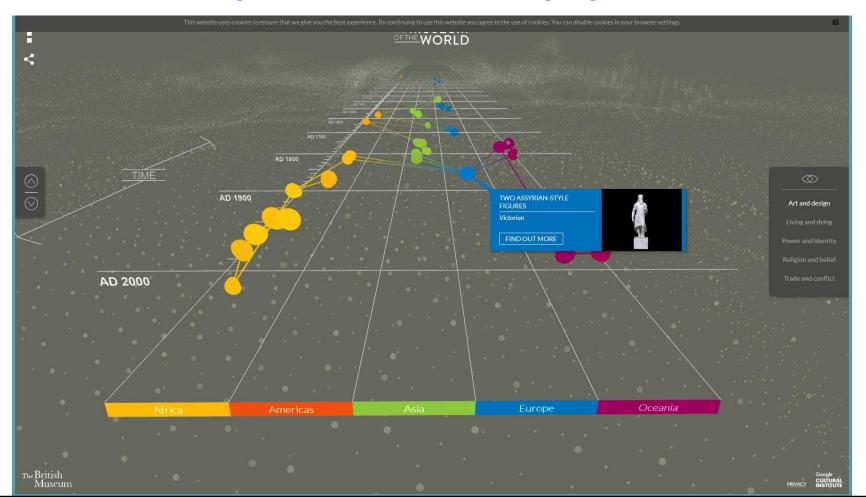


October 20, 2020

8. Engagement, Involvement:

E. Interactive Timeline, The British Museum

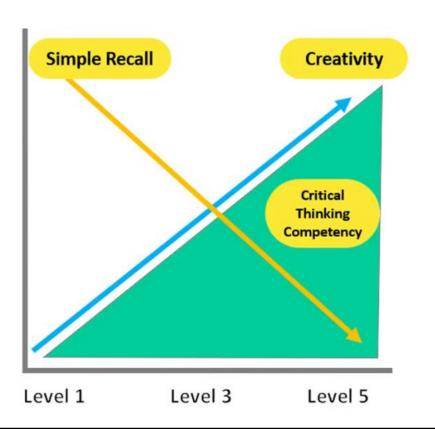
https://britishmuseum.withgoogle.com/

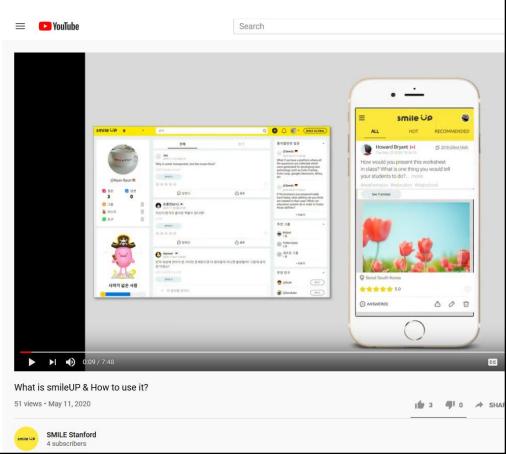


May 11, 2020

9. Tension, Challenge, Controversy, etc.: A. What is smileUP & How to use it? SMILE, Stanford

https://www.youtube.com/watch?v=pblU8sSALWo



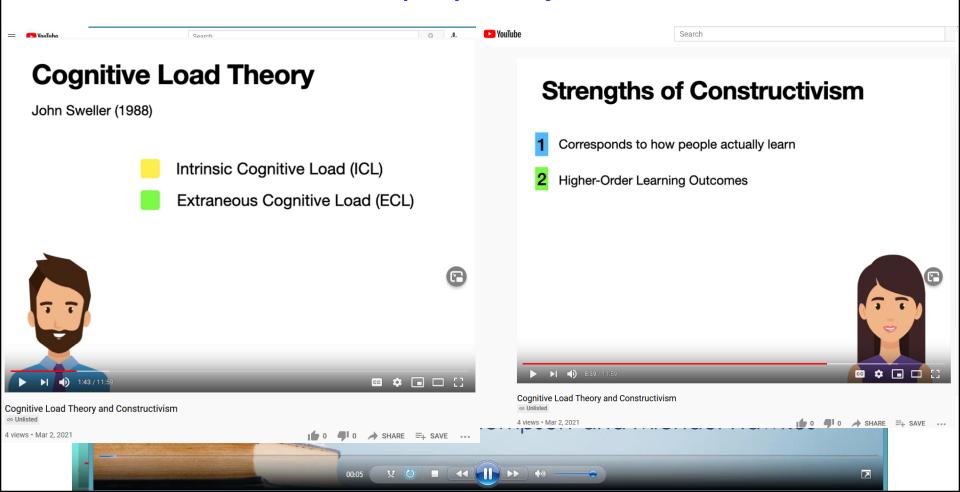


March 2, 2021

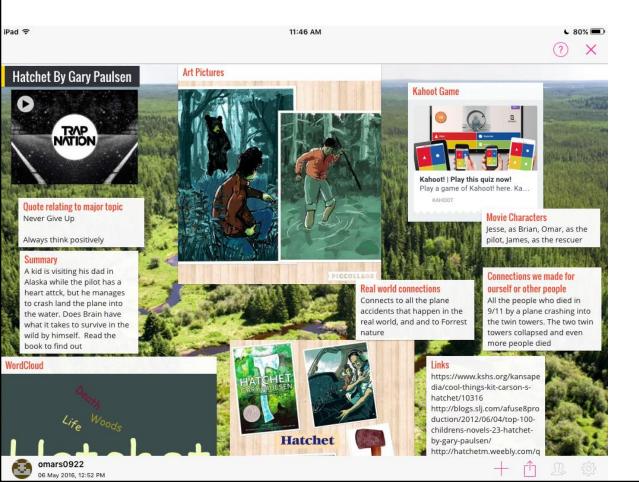
9. Tension, Challenge, Controversy, etc.:

B. Controversial Issue Debates and Pro and Con Conversations

Brian Harding: https://www.youtube.com/watch?app=desktop&v=8wC2eOKWu4c&feature=youtu.be
S. Whittaker: https://youtu.be/jL6RZGzBWis



9. Tension, Challenge, Controversy, etc.: C. Virtual Sharing Walls Competitions e.g., Padlet (A collaboration and discussion board) https://padlet.com/samarast/urel07b3nwubivel





10. Yielding Products:

D. Class Project: Video, Podcast Show, Documentary, Website, Animation, Song, etc.

https://app.animaker.com/animo/2h5b0Hz2gxURJ5x4/?shareid=view%7C2h5b0Hz2gxURJ5x4







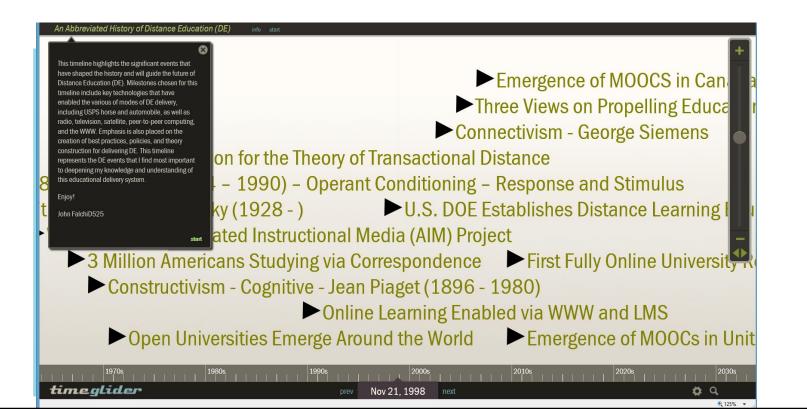
April 23, 2020

10. Yields Products, Goals:

E. Student Generated Timelines, Taxonomies, and Concept Maps (Sutori, xtimeline, Preceden, Timeline.js, TimeLineCurator, Time Mapper, etc.)

http://timeglider.com/t/50843d8903a48008?min_zoom=1&max_zoom=100

https://time.graphics/line/356a1211435318430fa1741b50d7552c



June 27, 2020

10. Yields Products, Goals:

F. Design Products (students created infographics, brochures, timelines)

Canva is an online design program that does not require

The 30-year-old woman who designed a \$1bn business

By Kate Stanton and Hywel Griffith Business reporter and BBC video journalist

(10 January 2018)



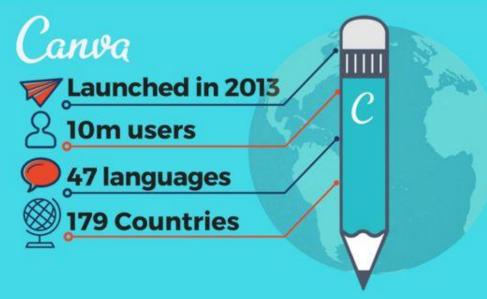












April 29, 2020

10. Yields Products, Goals:

G. Wikibook Projects and Chapters

R678, Amanda Zwirecki and Ashia Williams

https://en.wikibooks.org/w/index.php?title=Web 2.0 and Emerging Learning Technologies/Online Learning Communities

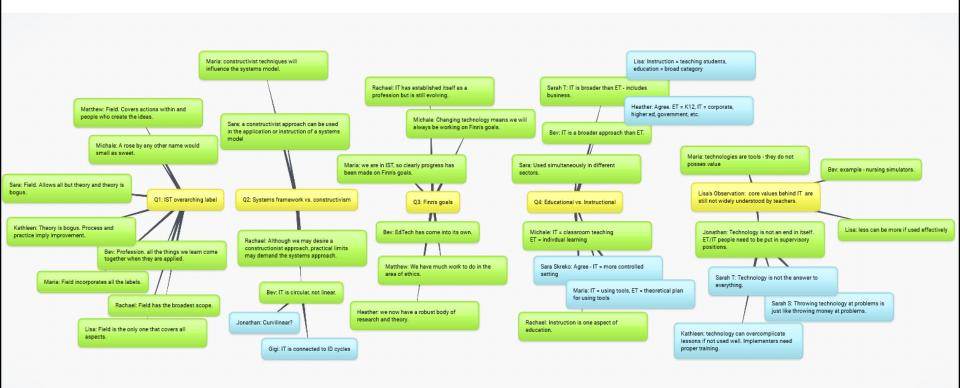


September 3, 2017 10. Yields Products, Goals:

H. Mindmap Recaps of Online Discussions

Mindmap of Week 2 of R511

https://bubbl.us/Mjg2MzMxOC84MjYzNjczL2UyODQzMzQ0NTQ2YzQwZDlmNDE3ZWE3OWYwMmJmYTI3-X



November 30, 2021 10. Yields Products, Goals: I. Final Projects Websites

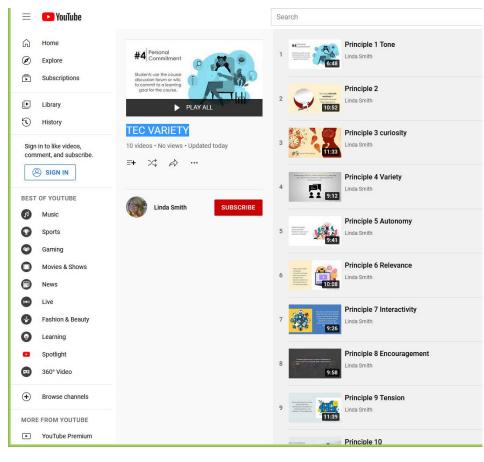
https://curtis-mitchell-finalproject.squarespace.com/



November 18, 2021 10. Yields Products, Goals: J. TEC VARIETY

10 Explanatory Videos, Linda Smith

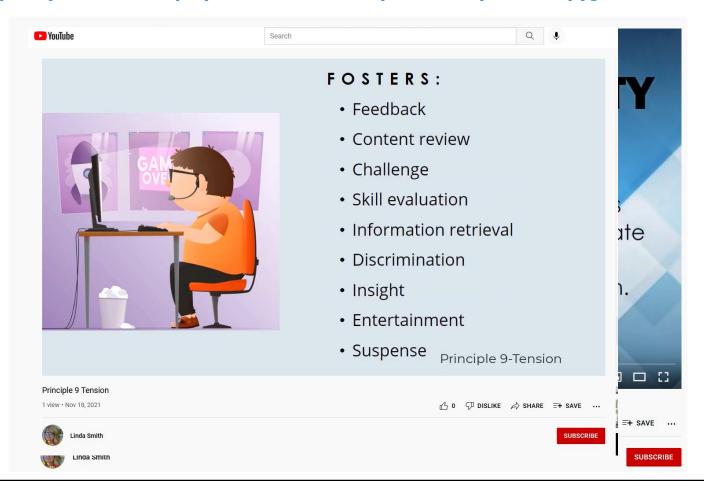
https://youtube.com/playlist?list=PLGodJOq20AHBKkIp7LE7SBJpygxVeHd4K



November 18, 2021 TEC VARIETY

10 Explanatory Videos, Linda Smith

https://youtube.com/playlist?list=PLGodJOq20AHBKkIp7LE7SBJpyqxVeHd4K



Poll #4: Which motivational principle do you see as the most crucial now?

- 1. Tone/Climate
- 2. Encouragement, Feedback
- 3. Curiosity
- 4. Variety
- 5. Autonomy
- 6. Relevance
- 7. Interactive
- 8. Engagement
- 9. Tension
- **10.Yields Products**



What motivates?

- Tone/Climate: Psychological Safety, Comfort, Sense of Belonging
- Encouragement: Feedback, Responsiveness, Praise, Supports
- Curiosity: Surprise, Intrigue, Unknowns
- Variety: Novelty, Fun, Fantasy
- Autonomy: Choice, Control, Flexibility, Opportunities
- Relevance: Meaningful, Authentic, Interesting
- Interactivity: Collaborative, Team-Based, Community
- Engagement: Effort, Involvement, Investment
- Tension: Challenge, Dissonance, Controversy
- Yielding Products: Goal Driven, Purposeful Vision, Ownership

MOTIVATION





ADMIRE

VISION



SUPPORT







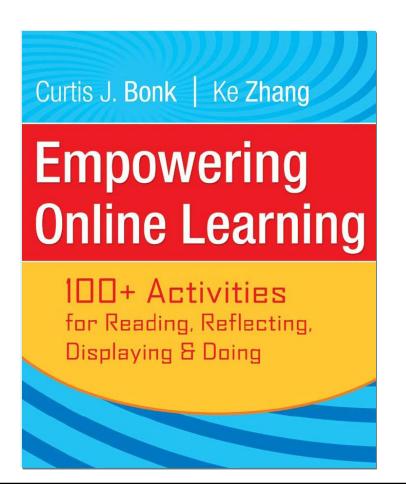


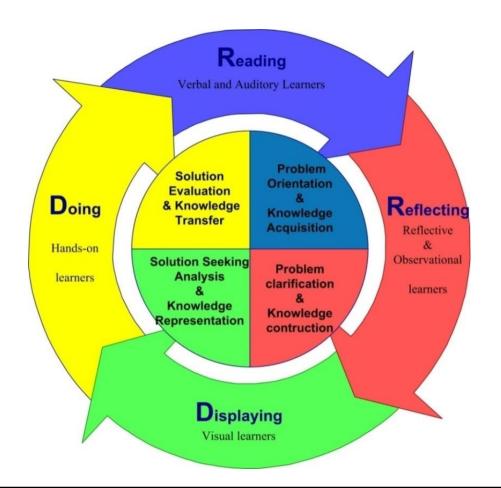
Poll: How many ideas did you get from this talk now?

- 1. 0 if I am lucky.
- 2. Just 1.
- 3. 2, yes, 2...just 2!
- 4. Do I hear 3? 3!!!!
- **5.** 4-5.
- **6.** 5-10.
- **7.** More than **10.**



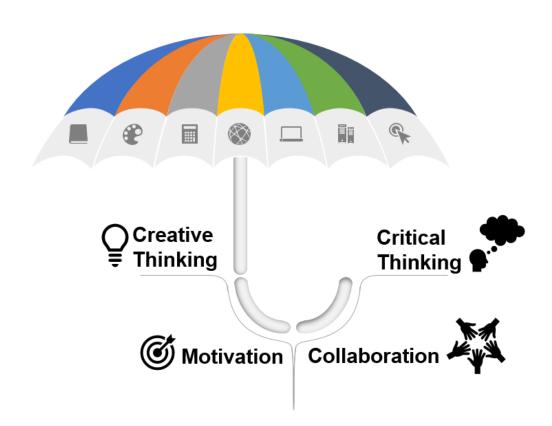
Model #2: The R2D2 Model: Read, Reflect, Display, Do...





Framework #3 METC³

Educational Technology



Must we "manufacture" motivation...?



Chat Window Sharing: Three Words from this Session...? e.g., "I am happy!" and... "minions are happy!"





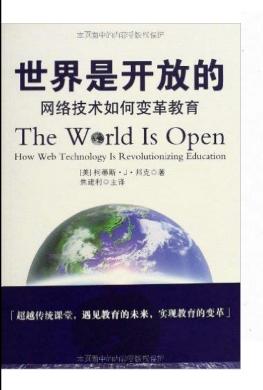


We are entering a jumping off point...



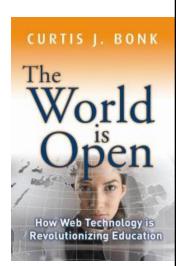
The World is Open:

How Web Technology Is Revolutionizing Education



TEN OPENERS: (WE-ALL-LEARN)

- 1. Web Searching in the World of E-Books
- 2. E-Learning and Blended Learning
- 3. Availability of Open Source and Free Software
- 4. Leveraged Resources and OpenCourseWare
- 5. Learning Object Repositories and Portals
- 6. Learner Participation in Open Information Communities
- 7. Electronic Collaboration
- 8. Alternate Reality Learning
- 9. Real-Time Mobility and Portability
- 10. Networks of Personalized Learning



Things are heating up!



The Learning Revolution is coming within reach!



Remember... "I cannot do this alone."





Any Questions or Comments?

Slides at: TrainingShare.com (go to "Archived Talks)

Papers: PublicationShare.com

Free book: http://tec-variety.com/

Free Course: https://colcommons.org/welcome/coursedetails/8

Curtis J. Bonk, IST Professor, Indiana University

Email: cjbonk@indiana.edu; http://curtbonk.com/

Free!

Free!

Free!

Not Free!

