Hyper-Engaging Strategies to Enhance, Extend, and Even Transform Your Teaching

Curtis J. Bonk | cjbonk@Indiana.edu
Indiana University Bloomington
Meina Zhu | meinazhu@wayne.edu
Wayne State University

Opening Activity #1:
Type Answer in the Chat Window: What is your favorite online learning activity...?

Opening Activity #2:
Type Answer in the Chat Window: What is your favorite type of learning technology today...?

Opening Activity #3:
Type Answer in the Chat Window: What is the technology that you think will most impact learning 10 years from now...

Polling Question #4:
Are we in the midst of a:
A. Learning Evolution or
B. Learning Revolution...
C. Neither

Poll #5: Have you reflected on your teaching philosophy or learning approach during the pandemic?

a. Yes many times and I am dramatically changing my philosophy statement.
b. Yes many times and I am taking action (meeting people, reading more, attending webinars like this, etc.).
c. Yes, I thought about it a couple of times and I am tweaking it.
d. Not sure. I'm kinda brain dead right now.
e. No, my teaching philosophy is basically the same.
June 2, 2021
A Pandemic Silver Lining?
More People Are Talking About Teaching
Beckie Supiano, The Chronicle of Higher Education
https://www.chronicle.com/article/a-pandemic-silver-lining-more-people-are-talking-about-teaching

June 30, 2021
3 Strategies for Inclusive Pedagogy
Jamie Landau, Inside Higher Ed

The Creation of Effective Learning Environments

January 27, 2021
Indiana University's Collaborative Theatre: Perspectives on Innovation in Classroom Design
EDUCARE Review, Merve Basdogan, IU/ITS
https://er.educause.edu/blogs/2021/1/indiana-universitys-collaborative-theatre-perspectives-on-innovation-in-classroom-design

Mosaic Active Learning Classrooms
ALC for Pre-service Teachers' CSL
September 8, 2018
Mosaic Classrooms: Learning Spaces
Student Building 015
https://learningspaces.iu.edu/explore/rooms/SB015.html

September 8, 2018
Mosaic in the News
https://mosaic.iu.edu/about/news.html

March 2, 2018
Learning is More Modifiable
The Architecture of Ideal Learning Environments
Emelina Minero, Edutopia
https://www.edutopia.org/article/architecture-ideal-learning-environments

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-theatre-perspectives-on-innovation-in-classroom-design

February 11, 2015
Inside the schools that dare to break with traditional teaching
The Guardian
http://www.theguardian.com/schoolnetnetwork/2015/feb/11/schools-students-traditional-teaching

Ørestad Gymnasium (Copenhagen, Denmark), a school without classrooms, is designed to fit the ethos of 50% teacher-led learning and 50% independent student-centred learning. Photograph: Mathias Eis Schultz
Famous Stanford coding course seeks to repeat success of novel model of online learning
(10,000 students, 120 countries, 900 volunteer teachers)
https://news.stanford.edu/2021/03/22/famous-stanford-coding-course-free-online/

New Models of Education Emerging Silver Lining for Learning
https://silverliningforlearning.org/

Now What is Education 4.0?
"Innovation-producing education. Learn more in:
Development of Individual Agency within a Collaborative, Creative Learning Community"
http://www.igi-global.com/dictionary/education-40/41795
https://thinc.in.th/engadmission/education4.html (Chula Engineering)

The 100-Year Life: Living and Working in an Age of Longevity
Lynda Gratton and Andrew Scott
https://www.amazon.com/100-Year-Life-Living-Longevity/dp/1543624634
July 11, 2017
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/

May 15, 2017
3 must know’s about the rising “phigital” student and why their impact
is enormous, Kate Mabus, USA Today
https://www.usatoday.com/story/news/nation/2021/07/01/generation-
millennial-survey-shows-digital-life-more-memorable/7783597002/

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.

July 1, 2021
Online or in-person? Gen Z and millennials find digital life more memorable, study shows
Kate Mabus, USA Today

Clearly...
Learning is Changing!

Education 20/20

From Instructor as Credit Manager
and Court Room Judge

1. Instructor as Counselor
2. Instructor as Consultant

3. Instructor as Conductor

4. Instructor as Course Ambassador

5. Instructor as Curator

6. Instructor as Concierge

7. Instructor as Camping Trip Guide
8. Instructor as Cultivator

20 New Roles of the Instructor

Cultivator
Course Ambassador
Curator
Concierge
Cook
Coach
Collaborator
Chemist
Care Giver

Merrill’s First Principles of Teaching/Instruction

Integration
Activation
Problem/Task
Application
Demonstration

Overcoming the Resistance Movement

1. Incremental Change
2. Shared Success Stories and Best Practices

3. Modeling

4. Mentoring and Coaching

1. The Principle of Flexibility

2. The Principle of Convenience

Bonk’s Last Principles of Teaching/Instruction (Education 4.0?)

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

http://www.applicadthai.com/articles/education-4-0/
3. The Principle of Collegiality

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

4. The Principle of Cheerfulness and Optimism

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

5. The Principle of High Expectations

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

6. The Principle of Choice and Options

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

7. The Principle of Empowerment and Autonomy

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

8. The Principle of Support and Feedback

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html
9. The Principle of Spontaneity
https://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

10. The Principle of Organization
https://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

11. The Principle of Sharing
https://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

12. The Principle of Nontraditional Learning
https://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

13. The Principle of Passion and Inspiration
https://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

14. The Principle of Relevance and Meaningfulness
https://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html
15. The Principle of Trial and Error (i.e., it is ok to fail)

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

16. The Principle of Expanded Resources

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

The World is Open:
How Web Technology Is Revolutionizing Education

The World is Wide Open!
(South University of Science and Technology of China, Wednesday June 10, 2015)

The World is very open!
(South University of Science and Technology of China, Wednesday June 10, 2015)
17. The Principle of Human Connectedness

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

18. The Principle of Cognitive Apprenticeship

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

19. The Principle of Purpose and Vision

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

20. ??? (what is missing)

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

Bonk’s 20 “Last” Principles of Instruction (LAST = Learning Activation System Template)

http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

Thirty Ways Learning is Changing...

(i.e., it’s more informal, video-based, ubiquitous, collaborative, self-directed, global, mobile, open, massive, etc.)

ARKit lets you create immersive augmented reality experiences on iOS devices. (Photo: Wareable)
Clearly…
Learning is Changing!

Poll #6: Are you interested in Education 3.0?
A = Yes
B = No
C = Not sure

Poll #7: Is this an Evolution or Revolution?

June 17, 2021
Free Book:
Hybrid-Flexible Course Design
https://edtechbooks.org/hyflex

January 2022
Learning is More Online…
Make Commitments:
Stop and Share in Chat Window:
Which principle(s) of TEC-VARIETY will you use?
Tone/Climate
Encouragement, Feedback
Curiosity
Variety
Autonomy
Relevance
Interactive
Engagement
Tension
Yields Products

Motivation Research Highlights
(Jere Brophy, Michigan State University)
1. Supportive, appropriate challenge, meaningful, moderation/optimal.
2. Teach goal setting and self-reinforcement.
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)


Model II: The R2D2 Model:
Read, Reflect, Display, Do...

Read 1. Twitter Fed Class Discussions
(e.g., BBC Learning English: https://twitter.com/bbcle?lang=en)
Interpreting Interactive Graphs and Infographics

November 25, 2021
ARK Invest

May 17, 2020
Display 3.
Sketch Talks and Presentations
Silver Linings for Learning, Session with Paul Kim
Meenu M Pillai, Freelance Designer at Multiple Corporations
Mumbai, Maharashtra, India

April 23, 2020
Do 4. Demonstration Videos
Crane Makerspace, Tina Closser
https://www.youtube.com/channel/UCbeWfFd9g7pZ0JMBl9TBt5w?view_as=subscriber
https://sites.google.com/view/cranetech/home

Poll:
Which topic are you most interested in fostering or learning about?
A. Creative thinking online
B. Critical thinking online
C. Collaborative learning and teamwork online
D. Motivation

50+ (40) Engaging Collaborative and Active Learning Ideas (note ideas that will work (+), might work (?), and will not work (cross off))
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/

Roll over the images to see more ideas related to the text!
January 13, 2022
R678, Introductions
(R678) https://padlet.com/cmsmeltz/hl4kz9yfou6a19f
(R511) https://padlet.com/sunseol/b1yr48bjwc6samk

September 4, 2021
Ice Breakers in Jamboard
https://jamboard.google.com/d/1mAAAPQgshndZjv_Vs-o/Y05urtein49hQ-dxQ98R950qz/viewer?r=7

March 7, 2022
Brainstorming in Padlet
MOOC Perceptions
https://padlet.com/basdogan2/zyvil10ct9hntyrbw

February 14, 2022
Questions for Guests in Jamboard
https://jamboard.google.com/d/1J8v7Q3adqyOsH9xh1wHeW0O_2R1cFNTQ3mnl5kg/viewer?r=2

October 16, 2021
AMA (Ask Me Anything) in Jamboard
https://jamboard.google.com/d/1mAAAPQgshndZjv_Vs-o/Y05urtein49hQ-dxQ98R950qz/viewer?r=7

May 6, 2020
IU FAMILY ENSEMBLE - HAIL TO OLD IU, Indiana University
3:16 (video): https://www.youtube.com/watch?v=crxwaer_jZk
April 3, 2020
Performances canceled, musicians find a way to lift every voice: From elementary school to large symphonies, Annie Aguiar, USA Today

March 8, 2022
Violinists Across the World Play for Ukraine
https://www.youtube.com/watch?v=mgq85eB-vdQ
Ukrainian violinists are joined in harmony by top violinists across the world, 94 violinists, 29 countries.

March 11, 2022
NEW TO YOUTUBE | Violinists from 29 Countries Virtually Perform for Ukraine, The Violin Channel
Organized by British violinist Kerenza Peacock, 94 violinists, including nine musicians living in Ukraine during the Russian invasion, came together in digital performance

March 11, 2022
Museum Computer Network Inc. (MCN)
https://mcn.edu/a-guide-to-virtual-museum-resources/

February 27, 2020
Game Show Style Presentations
Susie Gronseth, University of Houston
https://www.youtube.com/watch?v=ZFXlVA6z_no&feature=youtu.be

Fall 2018 R546
Kahoot!
https://getkahoot.com/
Goals and Expectations Charts (L = Cost, L = Risk, M = Time)

a. What do you expect from this class, lesson, workshop, etc., what are your goals, what could you contribute?
b. Write short and long terms goals down on goal cards and post to discussion forum.
c. Write 4-5 expectations for this session.
d. Expectations Flip Chart (or online forum):
e. Debrief.

Online Café Question Exchange

a. Have students leave you or their classmates questions online.
b. Answer as many as you can.
c. Peer to peer café for exchanging resources and sharing information.

Nominate Quotes (e.g., Shakespeare)

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

One Visual Exercises

- Tell students to bring in one visual representing their outside readings.
- Have students become the instructors using that visual.
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

Structured Controversy Task
• Assign 2 to pro side and 2 to con side
• Read, research, and produce different materials
• Hold debate (present conflicting positions)
• Argue strengths and weaknesses
• Switch sides and continue debate
• Come to compromise
  – Online Option: hold multiple forums online and require to comment on other ones.

CREATIVE THINKING

idea loading...

August 27, 2021
Brainstorming in Padlet
What is Technology Integration?
https://padlet.com/basdogan2/yw12ht9ekyz09w

August 27, 2021
Brainstorming in Padlet
What is Education 3.0?
https://padlet.com/basdogan2/yw12ht9ekyz09w
August 27, 2021
Brainstorming in Padlet
What is Education 3.0?
https://padlet.com/basdogan2/ylht1ct69z8zyo1bw

September 4, 2021
Brainstorming in Jamboard
https://jamboard.google.com/d/1Kj1vX4iXa2kq7g5IzSj3hH7t8cL-cW-
L1awZU0Hd0ZijjbePDQ/viewer?f=4

October 2, 2021
Brainstorming Lists in Jamboard
https://jamboard.google.com/d/1uf5b2OJdvciFVlO5qhaIxuGCLQ3xP-
miGPV7KsJkAA/viewer?f=5

October 2, 2021
Reverse Brainstorming in Jamboard
https://jamboard.google.com/d/1uf5b2OJdvciFVlO5qhaIxuGCLQ3xP-
miGPV7KsJkAA/viewer?f=5

October 2, 2021
Visualization with Miro (Merve Basdogan)
https://miro.com/app/board/o9J_luxjzb0=/#
Tutorial: https://www.youtube.com/watch?v=pULLAEmhSho

March 23, 2020
Getting Started with Miro
https://www.youtube.com/watch?v=pULLAEmhSho
Tutorial: https://www.youtube.com/watch?v=pULLAEmhSho
Poll: How many ideas did you get from this talk?
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.

February 27, 2022  
Discussion Recap in Mindmeister  
https://www.mindmeister.com/map/2198250344?t=ZX2d0zv6qO

March 28, 2022  
Mindmeister  
https://www.mindmeister.com/map/2232741968?t=3Js5754dkY

June 21, 2020  
Display 31. Lucid for Education  
https://lucidforeducation.com/mini-lessons

April 30, 2020  
Display. More Word Clouds (e.g., Taggedo, Tagul, WordSift, Word It Out):  
https://www.wordclouds.com/

Online Book Reviews
- Have students read different books online and post reviews on forum or to Amazon or send to the author.
- Give each other feedback.
September 4, 2021
Pros and Cons in Jamboard
https://jamboard.google.com/d/1Kj1vX4K2zRgqHS8iaF_cW-LjouL2G90DRj3alPPO/viewer?i=15

ii. Con: PBL gives too much focus on learners and not enough on teachers.

September 4, 2021
Value Lines in Jamboard
https://jamboard.google.com/d/1Kj1vX4K2zRgqHS8iaF_cW-LjouL2G90DRj3alPPO/viewer?i=16

September 4, 2021
Venn Diagrams in Jamboard
https://jamboard.google.com/d/1uf5b2OJdvciFVlO5qhaIxuGCLQ3xP-miGGeV77aXkA/viewer?i=17

September 4, 2021
K-W-L in Jamboard
https://jamboard.google.com/d/1uf5b2OJdvciFVlO5qhaIxuGCLQ3xP-miGGeV77aXkA/viewer?i=18
September 4, 2021
PMI in Jamboard
https://jamboard.google.com/d/1Kj1vX4iXa2g55OH56a_ejCW
Summary or Recaps in Jamboard
https://jamboard.google.com/d/1uf5b2OJdvciFVlO5qhaIxuGCLQzvMLyP-
mlGPvFBAI841/preview?f=5

October 2, 2021
Summary or Recaps in Jamboard
https://jamboard.google.com/d/1uf5b2OJdvciFVlO5qhaIxuGCLQzvMLyP-
mlGPvFBAI841/preview?f=5

Big Issue Reflections
or Big Questions Online (BQO)

Probable Questions
- Does type of treatment in Bangladesh affect the outcomes of Parkinson's disease patients?
- What are the most effective treatments for Parkinson's disease patients in Bangladesh?
- What role does the government of Bangladesh play in the development of healthcare systems in the country?
- What are the challenges faced by healthcare providers in Bangladesh when treating Parkinson's disease patients?

Interpreting Interactive Graphs and Infographics

December 30, 2021
Simulation from Kira King
healthcare providers on Parkinson Disease Psychosis
https://reachmd.com/programs/cme/navigating-complex-patients-in-parkinsons-disease-
psychosis-13182/
September 24, 2020
Breakout Rooms
How Do You Make Zoom Breakout Rooms Less Boring?, Expectations, Share a link, Introductions
Bonni Stachowiak, Columnist, Ed Surge

February 7, 2022
Reflection Team Activities in Jamboard
https://jamboard.google.com/d/1XkXikFNUCJBvVg7qYhd6N73J3QzQeV6?usp=sharing

February 7, 2022
Team Article Summaries in Jamboard
https://jamboard.google.com/d/1XkXikFNUCJBvVg7qYhd6N73J3QzQeV6?usp=sharing

June 27, 2020
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

September 26, 2021
Belle Li, Trello
https://trello.com/b/xm0LOgIX/paper [Paper]
https://trello.com/b/tMSypLTz/tutor-arrangement (Tutor arrangement)
https://trello.com/b/iHnB7VFF/design-team-daily-planner (Design team planner)

July 9, 2020
Collaborative Annotations and Discussions/Group Reading
Teachers can insert a two-column chart into a Google Document then copy and paste text in the left-hand column. Students can highlight keywords and phrases in the text and capture their annotations in the right-hand column.
https://colab.research.google.com/notebooks/intro.ipynb

VideoLink
https://colab.research.google.com/notebooks/intro.ipynb
October 14, 2021
Perusall, Dan Hickey
Asynchronous Professional Development for Asynchronous Learning and Assessment
https://www.youtube.com/watch?v=Ja1Jz6fHawo

June 20, 2021
Image 1. Color-coded revision history of Google Docs during a collaborative writing task

July 8, 2020
Interactive Maps
(Thinglink: interactive map creator)
http://www.thinglink.com/

Nuclino
- Online debate

Fall 2019, R511
Team Article Debates
Nuclino (like a wiki...may delete by mistake, trial version, limited)
https://www.nuclino.com/

Class Project: Video, Podcast Show, Documentary, Website, Animation, Song, etc.
https://app.animaker.com/animo/2h5b0Hz2gxURJ5x4/?shareid=view%7C2h5b0Hz2gxURJ5x4
Online Role Play or Debate (e.g., documentary production)

Online Role Play Personalities
- List possible roles or personalities (e.g., coach, questioner, optimist, devil’s advocate, etc.)
- Sign up for different role every week (or for 5-6 key roles during semester)
- Perform within roles—try to refer to different personalities

Reflect 2c. Continued… Online Role Play or Debate (e.g., documentary production)

Critical Friend, Think-Pair-Share, or Turn To Your Partner and Share
- Pose a question, issue, activity, etc.
- Students reflect or write on it.
- Then they share views with assigned partner and share with class.
  - Online Option: assign email pals, Web buddies, or critical friends.

Problem-based learning
- Solving learning design problems
- Collaboratively work in a group
March 17, 2021
Yale researchers create an app to study happiness, Veronica Lee, Yale News
https://appadvice.com/app/rewi/914948787
https://apprecs.com/ios/914948787/rewi

November 18, 2021
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=PLGodJOq20AHBKkIp7LE7SBJpygxVeHd4K

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

November 27, 2021
Guest Chats, R511, Fall 2021
https://youtube.com/playlist?list=PLHcReRoW2lxPeQcA1LKHnjl1lMPllpKWp
Spring 2021
Learning is More Video-based...
Silver Lining for Learning
https://silverliningforlearning.org/
https://www.youtube.com/channel/UC9XEsh89qrIlpmVVpQ5

April 2, 2022
Episode #100: Best of Guests

April 7, 2022
Turkey with Olgun Sadek

April 7, 2022
Meina gets a tree!!!

333
3 = Good things
3 = Bad things
3 = Questions

321
3 = Takeaways
2 = Things you knew already
1 = Question you have
Poll: Any light bulbs going off in your head so far?

a. Yes definitely...many of them...pop...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.

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

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.

Chat Window Sharing: Three Words from this Session...?

e.g., “I am happy!” and... “minions are happy!”

Transformative Teaching Around the World: Stories of Cultural Impact, Technology Integration, and Innovative Pedagogy
Curtis J. Bonk and Meina Zhu, USA

Transformative Teaching Around the World: Stories of Cultural Impact, Technology Integration, and Innovative Pedagogy
2017 Fulbright Scholars
Foreword: The Power of Story
Gerardo Gonzalez, USA

Preface: Before Making Impact
Curtis J. Bonk and Meina Zhu, USA

Intentions for the Book
The book chapters will inspire others to action; from the preservice teacher in his first education class or the first-year induction teachers struggling with the countless unanticipated demands to the mid-career educators wondering what to do with the rest of their lives or those wanting to make an impact when nearing the end of their professional careers.

Goals of Book
1. Help the reader appreciate the range of ways to impact learning in the 21st century;
2. Reflect on the ways an educational idea might be implemented in different regions or countries of the world;
3. Better grasp of the local and global impact of new ideas, methods, and approaches in education;
4. Highlight pressing issues and controversies where there presently is passionate debate;
5. Gain insights into ways teachers are adopting and transforming various instructional strategies and ideas to their local context;
6. Appreciate teacher and student inspiration in regards to the implementation of innovative instructional ideas;
7. Grasp how teachers proactively react to challenging educational issues and problems;
8. Emotionally connect to the stories, experiences, pilot testing situations, etc., of educators attempting a creative or novel approach to instruction;
9. Integrate various educational reform efforts.

The audience for the book
1. This book will be of value to preservice teachers as well as newly minted in-service teachers who are searching for inspiration, ideas, and innovative pedagogy.
2. In effect, the audience could be anyone who stumbles upon the book and opens it. Deans of teacher education or colleges of education might use the book at faculty retreats. Educators might also use the book in special topic courses and seminars.
3. We are also hopeful that this book appeals to higher education administrators struggling with how to inspire innovative educational models or higher standards of achievement.
Preface: Before Making Impact
1. Dozens of stories of the change process in education.
2. Educational transformation toward more active and engaging learning that is occurring across the globe.
3. Stories from outstanding teachers in 22 countries.
4. Educators' struggles and successes.
5. Award-winning Fulbright teachers in the DAT program.

Time for Making Impact
1. Learning Transformations
2. Finding Education 4.0
3. Finding the Holy Grail
4. Finding the Principles
5. Finding the Entry Ramp

Section #1: Personal Transformations
Professional Growth and Cross-Cultural Exchange: A Glimpse into a Fulbright Program’s Life-Long Impact on Global Educators
Jacob Butler, USA

Education found me; energy kept me:
Thoughts on power, sharing, and service
Alba Rosario Marrón Canseco, Mexico

The World of Endless Possibilities- The Educator in Me
Keitumetse Thobani, Botswana
Questions that Matter – An Epistle to the Learner
Pratiksha Chopra, India

Sun on the Snow: Ad Meliora - Toward Better Things
Remya Parameswar Iyer, India

Section #2. Innovative Education

"You can't use up creativity: The more you use, the more you have": The Story of Chris Gadbury
Shengnan (Penny) Ma, Thailand, HK, and China

"You Can't Use Up Creativity—The More You Use, the More You Have": The Story of Chris Gadbury
Shengnan (Penny) Ma

- Chris Gadbury is Primary Years Programme (PYP) Art Teacher in Hong Kong, China with 16 years of teaching experience.
- View our limitations as creative opportunities.
- Think of the funniest, most playful, more provocative possible ways of learning something and then use sharing platforms to get feedback and improve our teaching and learning.

Community health and environment: A learning project from India
Narayani Singh, India
Metacognitive experiences on an urban concept farm: Local, project-based learning in science and sustainable agriculture
Simon McMillan, New Zealand

Empowering teachers to become transformational leaders through reflective conversations: A school-based inquiry and a professional development project
Mohana Ratnam, Singapore

"Poipoia te kakano kia puawai" (Nuture the seed and it will blossom): Affective spaces in education-- prison, and beyond
Lynnette Brice, New Zealand

Section #3. Teaching with Technology

Fostering student motivation and engagement through the Relevant, Appealing and Personal (RAP) pedagogical guideline: Tech stories from Singapore
Muhammad Nazir Amir, Singapore

Sparking inspiration through motivation and technology integration
Yassine Abdellaoui, Morocco
Interactive writing instruction in Zoom
Yan/Shyvia (Elaine) Zhang, China

- Effective group peer review can be achieved by developing detailed peer-review tasks, scoring criteria, group discussions, and teacher feedback to peer-review tasks
- The choice of the group leader is critical.

Interactive Writing Instruction in Zoom
Yan Zhang

- The teacher’s role is to assist and scaffold while students take more control over the writing and feedback processes.
- Provide training to peer review
- Technology play an important role—Zoom & QQ

It's all about the experience:
Technology enhanced designs to generate value
Maria Solomou, Cyprus

Section #4: Pandemic Practices

Chicken or Egg? Achieving the right balance between technology and pedagogy in online learning
Edwin Chew, Singapore
Actively engaging students in India during COVID-19:
A former Fulbrighter finds hope
*Rathnakaran Kozhukkunnon Othayoth, India*

Online Education in a Korean Elementary School During COVID-19:
Focusing on My Experience using Blended Learning
*Jeong-Ae Lee, Korea*

Section #5: English Education and Collaboration

English education enabled by technology:
Story from an Online Teacher for an Under-Sourced Village School in China
*Chaoran Wang, China*

June 18, 2021
Learning is More Synchronous
I am writing to send a screenshot of the synchronous hybrid English class for rural Chinese students. I also have a short video clip (though not in high quality), if you are interested.

Highlighting collaborative learning in language classroom:
A story from Thailand
*Apapan Sailabada, Thailand*
Live classes of lives: English reading to ponder life, social phenomena, the fate of the world
Xiaoxiu (Anne) Wang, China

Live Classes of Lives: English Reading to Ponder Life, Social Phenomena, and the Fate of the World
Xiaoxiu (Anne) Wang

- Take advantages of online teaching
- Materials must be selected and arranged.
- Reading tasks must be made available for students of different levels and abilities.

Transformative Learning? Yes, Possibly in a Flipped Classroom
Hyun-Ju Kim, Korea

Section #6: Active Learning Strategies

Why weren’t we taught like this?: Introducing Creative Strategies to Indian Teachers
Marina Basu, India

Hooking students into science with engaging activities
Sutapa Mukund, New Zealand
Section #8: Overcoming Challenges

Cancer, Covid-19, and the Cultural Impact of Technology in the Classroom
Rhuperdia Crowe-Clay, USA

Equitable learning in inequitable classrooms: Cases of teacher design thinking in rural schools in Bhutan and Papua New Guinea
Khendum Gyabak, Bhutan and PNG

The Story Behind Jacky’s Cell Phone: Bring the Invisible Forward
Natalia Ramirez Casalvolone, Costa Rica

The story of keeping education wheels turning: Motivation and collaboration when Teaching in a post-war context
Simon Pierre Munyaneza, Rwanda

Augmenting curriculum in a war-torn country: Augmented reality online teaching
Ebrahim Bamanger, Yemen
Augmenting Curriculum in a War-Torn Country: Augmented Reality in Online Teaching

Ebrahim Bamanger

- Using a free AR application, students can easily download it into their cell phones and follow the developed curriculum
- Use Zoom for teacher training
- Technology can bridge the education gap.

After Making Impact

Meina Zhu and Curtis J. Bonk, USA

1. Pondering Questions
2. Responding to Challenges
3. Lasting Impact

Afterword: The Power of Planning

Anastasia Morrone, USA

Chat Window Sharing:

Three Words from this Session...?

E.g., “I am happy!” and... “minions are happy!”
Transformative Teaching Around the World

Any Questions or Comments?

Curtis Bonk: cjbonk@Indiana.edu
Meina Zhu: meinazhu@wayne.edu

http://www.trainingshare.com
(go to "Archived Talks")
Free book: http://tec-variety.com/