

20 Tools for Significant Learning and Student Engagement

Janine Lim

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Twitter: outonalim

Handout and links at: blog.janinelim.com

My perspectives...

...Teaching ed tech online since 1999

...videoconferencing since 1998



Blackboard



Desire2Learn



moodle



...Griswold Christian Academy & AVLN



Worthington



Adventist Virtual Learning Network
Technology Integration Classes Start



Photo credit: US Department of Education

The thoughts and ways of God in relation to His creatures are above our finite minds; but we may be assured that His children will be **brought to fill the very place for which they are qualified, and will be enabled to accomplish the very work committed to their hands**, if they will but submit their will to God, that His beneficent plans may not be frustrated by the perversity of man.

What is your main role?

Teacher / Faculty

Library

Media / Technology /
Digital Learning

Professional Development
/ Faculty Training

Instructional Design /
Online Learning Support

Management / Director /
Leadership

What online learning activity or assessment seems the most boring, overused, and lacking engagement?

 When poll is active, respond at **PollEv.com/outonalim**  Text **OUTONALIM** to **37607** once to join

What framework or taxonomy do you most often use to guide your work?

1.Fink's Taxonomy of Significant Learning

2.Learning How to Learn

3.Caring

4.Human Dimension

5.Integration

6.Application

7.Foundational Knowledge

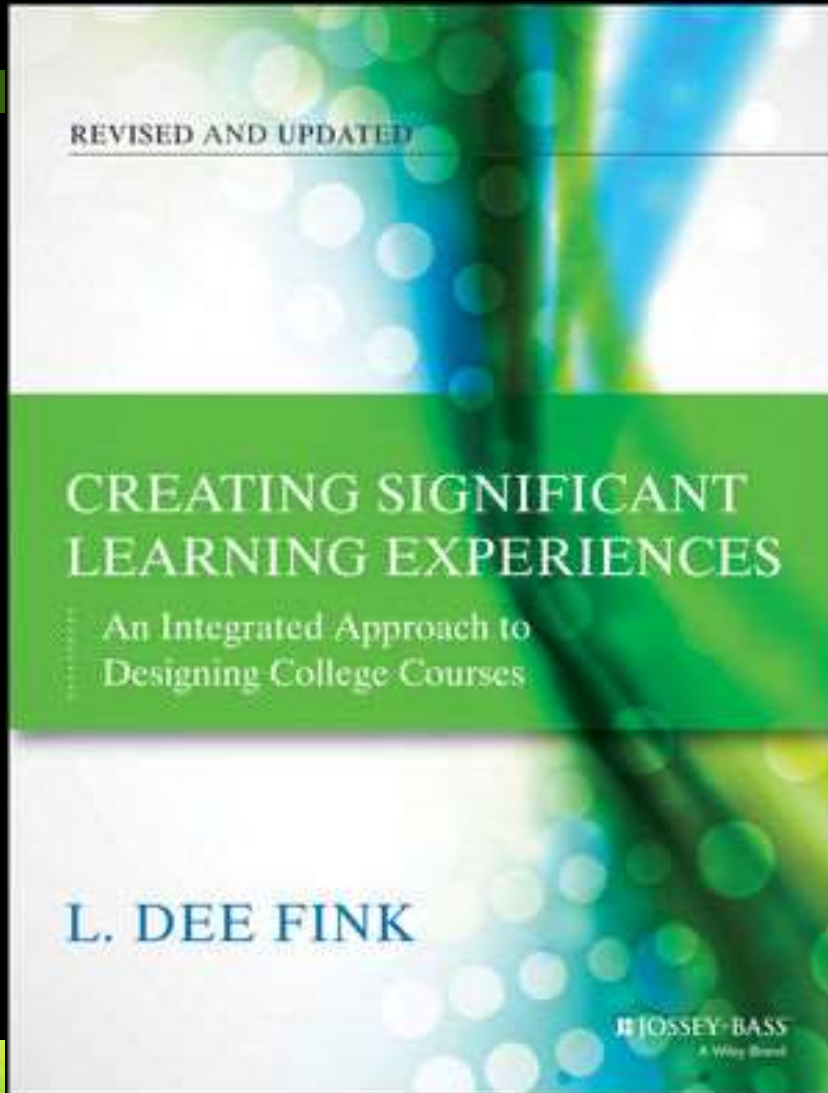
Online Tools & Activities to Support Fink's Taxonomy of Significant Learning

"For learning to occur, there has to be some kind of change in the learner. No change, no learning."

Significant Learning	Description (Fink p. 29)	Sample Course Goal: (Fink p. 34)	Sample Online Tool Supported Activities		
Learning How to Learn	Becoming a better student; inquiring about a subject; Self-directing learners	Know how to keep on learning about this subject after the course is over.	Access journals in the field; subscribe to the journal's feeds (Twitter, Feedly , twitter.com)	Reflect on the subject; self-assessment of ability; & interest. Moodle or wordpress.com	ePortfolio including reflective writing. mahara.org
Caring	Developing new feelings, interests, values	Care about the subject and learning more on the subject.	Create a 3 minute video that persuades others to care about an aspect of the subject. Videoscribe , flipgrid , animoto , youtube	Collaboratively create a site showcasing the value and interest of the subject. sites.google.com	Participate in debates & create VBates (video debates). idebate.org
Human Dimension	Learning about oneself, others	Understand the personal and social implications of knowing about this subject.	Blog or discuss ways in which one's personal life affects and is affected by the subject. LMS , wordpress.com , weebly , voicethread	Be an ethical, responsible member of a team serving others; tools to support groups. drive.google.com	Observation of real-life human experiences related to the content; report back to the class. Moodle or LMS
Integration	Connection ideas, people, realms of life	Be able to relate this subject to other subjects.	Aggregate, curate, and mashup web content to make connections. feedly.com or flipboard.com on a mobile device.	Create a description or analysis of the relationship between two or more concepts. Infogram , Piktochart , wordpress.com	Curate pins on competing ideas or concepts into relevant boards to integrate and make connections. Pinterest
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2018, Version 2.0 Adapted by Janine Lim from content in L. Dee Fink. Creating Significant Learning Experiences: An Integrated Approach to Designing College Courses (p. 50). Kindle Edition.

Fink's Challenges with Bloom's

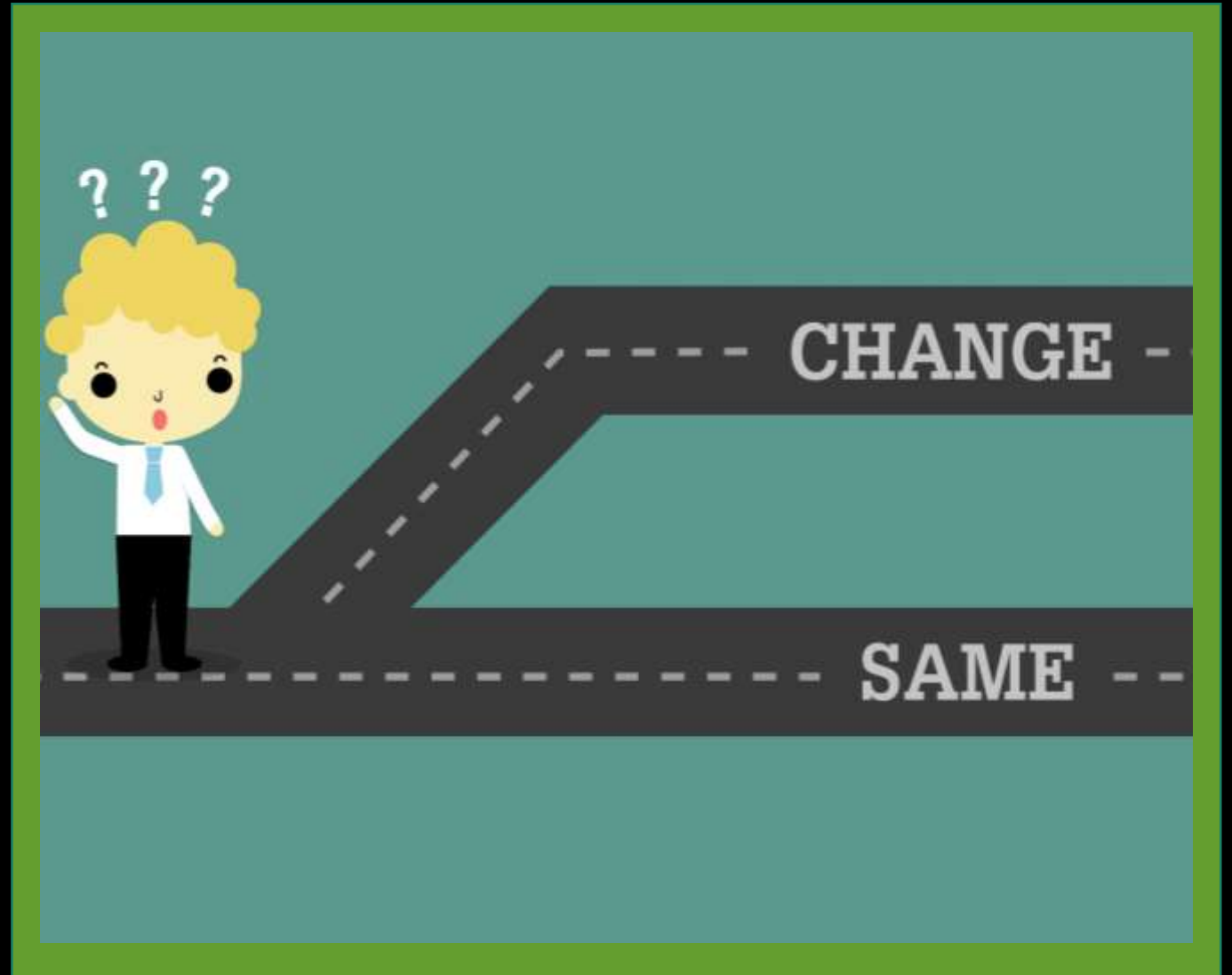


Bloom's makes it hard to connect to outcomes such as:

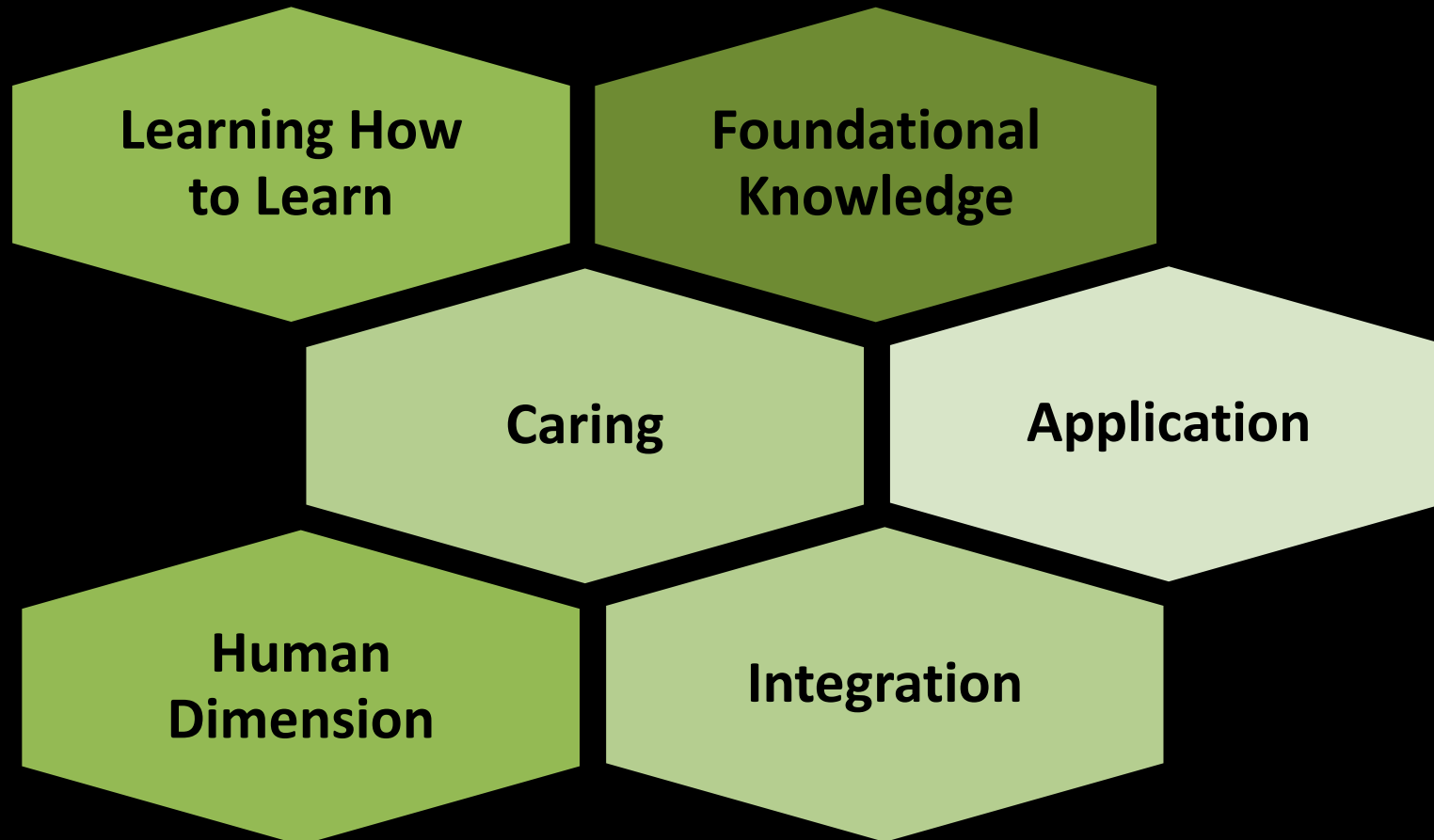
- learning how to learn
- leadership and interpersonal skills
- ethics
- communication skills
- character
- tolerance
- the ability to adapt to change — p. 29

Fink:

I defined learning in terms of change. For learning to occur, there has to be some kind of change in the learner: no change, no learning. And significant learning requires that there be some kind of lasting change that is important in terms of the learner's life. p. 30



Taxonomy of Significant Learning



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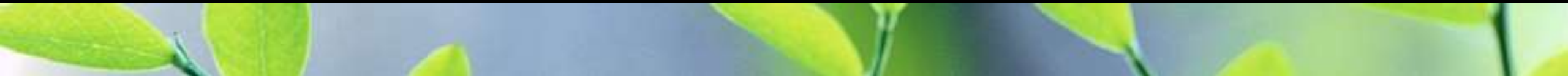
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Learning How to Learn

- Description (Fink p. 29):
 - Becoming a better student; inquiring about a subject; self-directing learners
- Sample Course Goal (Fink p. 34):
 - Know how to keep on learning about this subject after the course is over



Your Turn Learning How to Learn

Becoming a better
student; inquiring
about a subject;
self-directing
learners

60





Evaluating and selecting content sources

TED Ed Beta Lessons Worth Sharing

Tour Get Involved About

Browse by **Featured** Series Subject YouTube


The Real Origin of the Franchise

7986 Lesson Views 126 Flips

Additional Resources for you to Explore

Research the most popular modern-day franchises. What's driving their popularity? What do their owners say about them? Which ones are present in your community? After you've completed your online research, interview a local owner of one of these franchises.

Learn more about other female entrepreneurs of the late 19th and early 20th centuries. Lydia Pinkham, Madame CJ Walker and Elizabeth Arden were three other women who made their fortune creating and selling health and beauty products. How do their personal stories compare to Harper's? How were their business models similar or different?



Watch

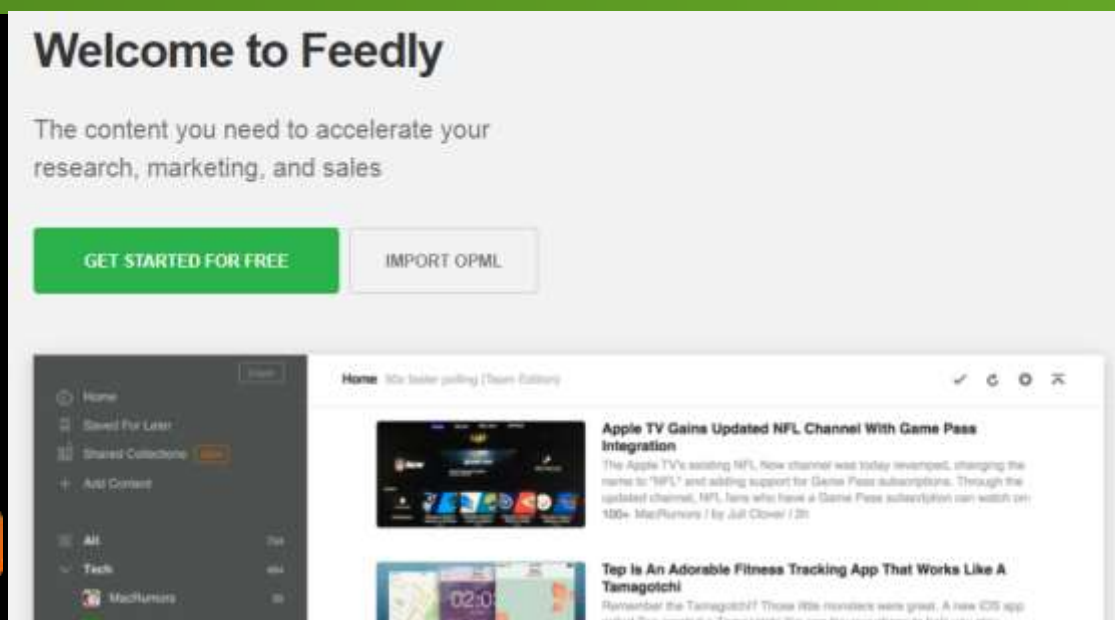
Quick Quiz

Think

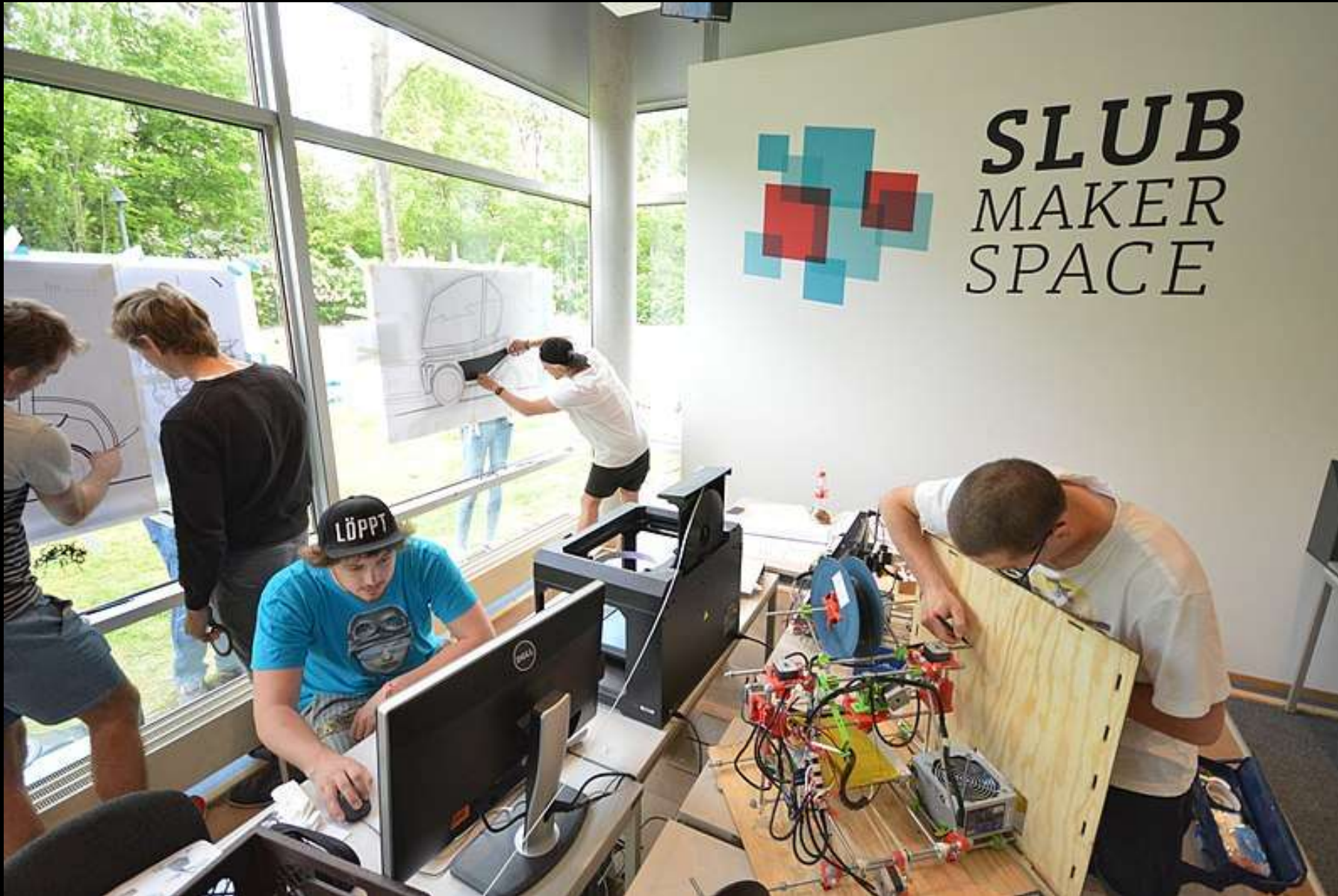
Dig Deeper



Photo Credit: Pexels



Teach students to access journals in the field; subscribe to the journal's feeds (Twitter, Feedly)



Project based
learning,
makerspaces,
student-
designed
projects

Photo Credit: Wikimedia

Monitoring their own understanding

Quizlet

Home Help & Features Find Flashcards Make Flashcards Blog

4,420 new flashcard sets today
1,131 users online now

Languages & Vocabulary

- English
- French
- Spanish
- German
- Chinese
- see all

Standardized Tests

- SAT
- AP
- GRE
- LSAT
- GMAT
- see all

Math & Science

- Algebra
- Geometry
- Biology
- Chemistry
- Anatomy
- see all

History & Social Studies

- History
- Capitals
- Geography
- Government
- Religion
- see all

Arts & Literature

- Music
- Poetry
- Literature
- Art
- Theater
- see all

Professional & Trade

- Law
- Medicine

Quizlet eats flashcards for breakfast!

Study vocabulary or almost anything
Create your own flashcards - sign up free
Share flashcards with your friends
View the quick guide or watch the video tour

Example: U.S. Capitals

Try the first 5 below or use the full flashcard set.

Remaining 5
Incorrect 0
Correct 0

California
Type "Sacramento" here
Answer

Hot sets today

- Elements by allleslaughnessy - 60 scores
- Elemental Symbols (40) by siri123 - 46 scores
- The Periodic Table by Angelica661 - 46 scores
- Elements by sarah2911 - 45 scores
- Sadlier Oxford Vocab Level G Unit 2 by fuegerj - 43 scores

Photo Credit: Wikimedia

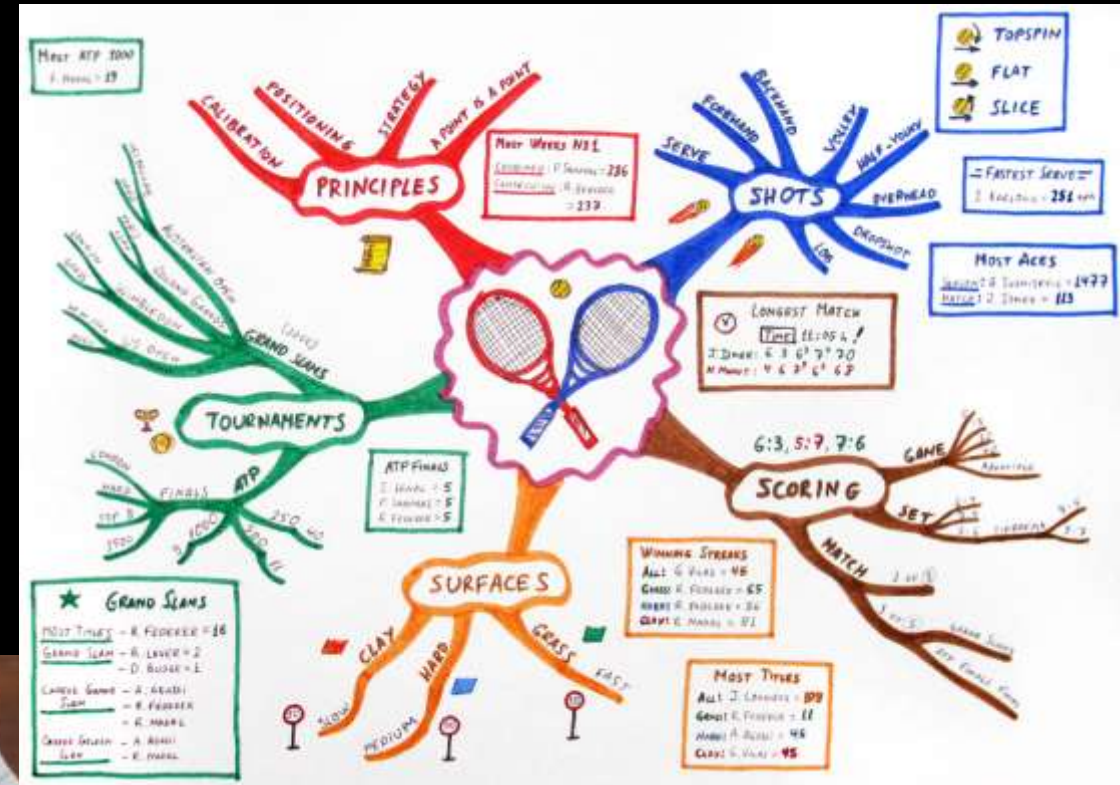


Photo Credit: Maxpixel

mapping knowledge,
identifying areas to
learn more, selecting
& pursuing

UMW
Domains

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[HELP GUIDES](#)

[MODULES](#)

[TERMS OF SERVICE](#)



DOMAIN OF ONE'S OWN



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Reflect on the subject;
self-assessment of
ability; self-assessment
of interest; portfolios
with reflective writing

1.Fink's Taxonomy of Significant Learning

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3.Caring

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Online Tools & Activities to Support Fink's Taxonomy of Significant Learning

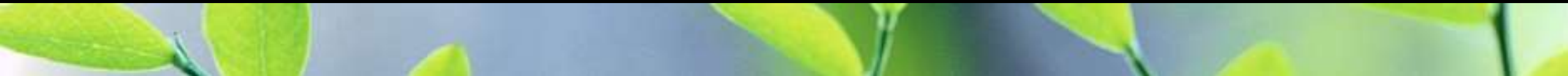
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Caring

- Description (Fink p. 29):
 - Developing new feelings, interests, values
- Sample Course Goal (Fink p. 34):
 - Care about the subject and learning more on the subject



Your Turn Caring

Developing new
feelings, interests,
values

60



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VideoScribe

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FLIPGRID

[Educator Login](#) [Resources](#) [Pricing](#) [Sign up Today!](#)

Flipgrid is
Where social learning happens. Every student has a voice. Let's amplify 🚀

The image shows the Flipgrid website interface. At the top is the Flipgrid logo and navigation links: Educator Login, Resources, Pricing, and Sign up Today!. Below the header is a large blue banner with the text "Flipgrid is Where social learning happens. Every student has a voice. Let's amplify 🚀". In the center is a large tablet displaying a grid of student profiles. Each profile has a green plus icon in the top left corner and a small video thumbnail. The profiles are arranged in a 3x3 grid. Below the banner is a white navigation bar with the Animoto logo and links: BUSINESS, PHOTOGRAPHY, FAMILY, PRICING, and SIGN UP. The main content area features a large image of a person skydiving with the text "Make great videos. Easily." and "Join the millions of businesses, photographers, and families who use the power of video to share what matters most to them." Below this is a blue "GET STARTED" button and a link to "Find out what Animoto has to offer. Learn more >".

Create a short video that persuades others to care about an aspect of the subject

Collaboratively
create a site
showcasing the
value and
interest of the
subject.



Up for Debate



Why Debate?

▼ What to Debate?

Choosing a Debate Topic

▼ Where to Find Information for Your Debate?

Research Strategies and Tips

Research Sources

Helpful Terms

Alternative Points of View

▼ How to Debate?

Structuring your Debate

Debate Strategies

Etiquette

Exploring Multiple Forms of Debate

▼ Who Debates?

Home



debate : a structured conversation about the pros and cons of a particular topic

Welcome to "Up for Debate." This website is designed to help middle school students in Michigan learn about, structure, and practice debates. On this site, you will find information from a variety of sources including websites, videos, magazines, and books. The menu on the left displays a number of questions. Under each question, you will find links to multiple topics ranging from the history of debate to strategies for structuring your own debate to current examples. This site will help you become familiar with debate guidelines, gain confidence in choosing and researching your own debate topic, and develop skills for practicing and polishing your debate performance. Check out the links below to start exploring!

Participate
in debates
& create
VBates
(video
debates) –
idebate.org



The screenshot shows the idebate website homepage. At the top, the logo "idebate" is in blue, with "idea beta" in a speech bubble to its right. Below the logo is the text "international debate education association". To the right of the logo are icons for a user profile and a menu. Below the logo is a navigation bar with links: HOME, NEWS, DEBATABASE (highlighted in orange), EVENTS, COMMUNITY, MEDIA, and ABOUT. To the right of the navigation bar is a search icon. Below the navigation bar is a blue banner with the text "TOP 100 DEBATES" and icons of people and speech bubbles. To the right of the banner is a video player with the text "VIDEO DEBATE" and a play button. Below the banner is a featured debate section with the text "FEATURED DEBATE" and "This House believes university education should...". Below this text is a paragraph: "Nearly every country in the developed world provides both free primary and secondary education. Such education is..." followed by a "more" link. To the right of the featured debate section is a video player with the text "LIRANDE PIRA" and a play button. Below the video player is a section titled "CURATE THIS DEBATE" with a play button and the text "find out more". At the bottom left, there is a large orange box with the number "1,491".

idebate ^{idea beta}
international debate education association

HOME NEWS **DEBATABASE** EVENTS COMMUNITY MEDIA ABOUT

TOP 100 DEBATES

VIDEO DEBATE

FEATURED DEBATE
This House believes university education should...

Nearly every country in the developed world provides both free primary and secondary education. Such education is...
[more](#)

1,491

LIRANDE PIRA

CURATE THIS DEBATE
[find out more](#)



Bring in guest
speakers;
telling stories





1.Fink's Taxonomy of Significant Learning

2.Learning How to Learn

3.Caring

4.Human Dimension

5.Integration

6.Application

7.Foundational Knowledge

Online Tools & Activities to Support Fink's Taxonomy of Significant Learning

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Human Dimension

- Description (Fink p. 29):
 - Learning about oneself, others
- Sample Course Goal (Fink p. 34):
 - Understand the personal and social implications of knowing about this subject



Your Turn Human Dimension

Learning about
oneself, others

60





VOICETHREAD

weebly

edublogs

Features

Comr

EASY BLOGGING
FOR EDUCATION



POWERED BY WORDPRESS

Blog or
discuss ways
in which one's
personal life
affects and is
affected by
the subject.

The image shows a stylized Google Drive logo on the left, composed of yellow, green, and blue geometric shapes. To the right of the logo, the text "Google Drive" is displayed in a large, dark grey serif font. Below the text, the word "Keep" is faintly visible. Underneath "Keep" is a 2x4 grid of eight colorful icons representing various Google Workspace applications: a blue document icon, a green spreadsheet icon, an orange presentation icon, a green list icon, a red image icon, a red calendar icon, a green chart icon, and a red sharing icon.

Google Drive

Be an ethical,
responsible
member of a
team serving
others; tools
to support
groups

Observation of and participation in real-life human experiences related to the content; report back to the class.



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Integration

- Description (Fink p. 29):
 - Connection between ideas, people, realms of life
- Sample Course Goal (Fink p. 34):
 - Be able to relate this subject to other subjects



Your Turn Integration

Connection
between ideas,
people, realms of
life

60



Online Learning



TODAY



Apple releases iOS 11.2.6 to fix iPhone crash bug

7 🍀 The Verge / by Tom Warren / now

Apple has released iOS 11.2.6 today, which includes a bug fix for the Indian language (Telugu) character that crashes an iPhone and makes apps like Messages, Facebook Messenger, and WhatsApp inaccessible. The bug was



The WyzeCam is a \$20 security camera, and it just got better

48 🍀 The Verge / by Paul Miller / 51min

I've never owned a security camera, so don't quote me as an expert, but I've been reading some WyzeCam reviews this afternoon and they're a little astonishing: a good, functional, easy-to-use, and feature-rich streaming security



Mario may finally be getting his own encyclopedia in English this October

48 🍀 The Verge / by Shannon Liao / 1h 🐎 Mario Dark Horse

Mario may finally be getting his own English-language encyclopedia on October 23rd, a tome that tracks the three decades of his existence in Nintendo games, as spotted by Kotaku . The original book came out in Japan in 2015, and an English



Chrome 64 now trims messy links when you share them

100+ 🍀 The Verge / by Dani Deahl / 1h

Google's latest consumer version of Chrome, version number 64, just started

FLIPBOARD

Get the App



Sign

NEWS FOR OUR TIME

Personalized for any interest

Sign Up

TECHNOLOGY

NEWS

ENTERTAINMENT

DESIGN

HEALTH

PRODUCTIVITY

PHOTOGRAPHY



TechCrunch
News about startups from TechCrunch 5h



Salvador M. Ramirez
Healthy Starts 1h



Aggregate, curate, and mashup
web content to make connections

Scoop. it!

StumbleUpon

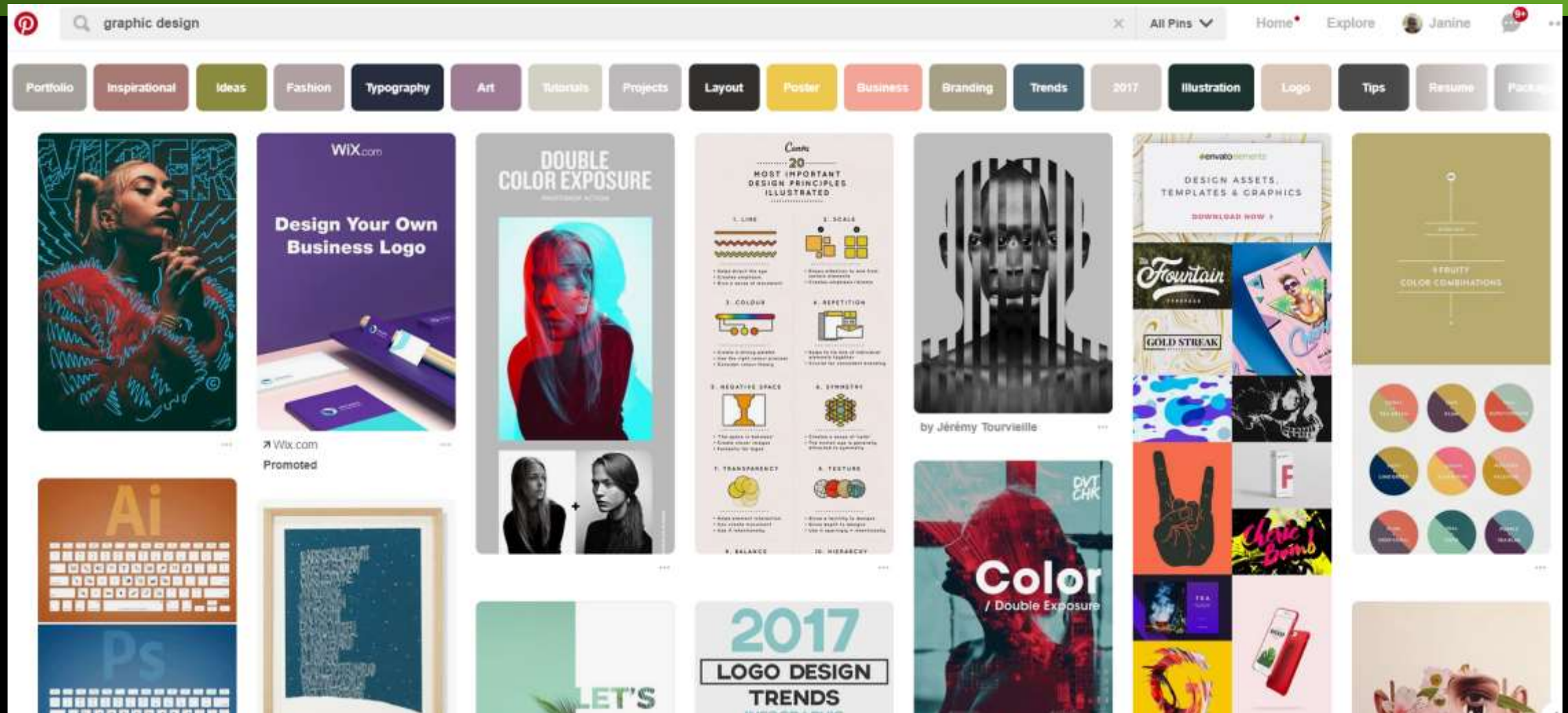
Google

Alerts



Create a description or analysis of the relationship between two or more concepts.





Curate pins on competing ideas or concepts into relevant boards to integrate and make connections.

1.Fink's Taxonomy of Significant Learning

2.Learning How to Learn

3.Caring

4.Human Dimension


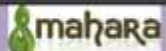









5.Integration

6.Application

7.Foundational Knowledge

Online Tools & Activities to Support Fink's Taxonomy of Significant Learning

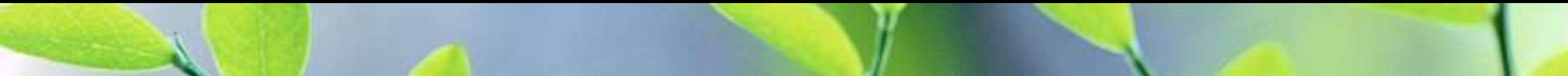
"For learning to occur, there has to be some kind of change in the learner. No change, no learning."

Significant Learning	Description (Fink p. 29)	Sample Course Goal: (Fink p. 34)	Sample Online Tool Supported Activities			
Learning How to Learn	Becoming a better student; inquiring about a subject; Self-directing learners	Know how to keep on learning about this subject after the course is over.	Access journals in the field; subscribe to the journal's feeds (Twitter, Feedly , twitter.com)	Reflect on the subject; self-assessment of ability; & interest. Moodle or wordpress.com		ePortfolio including reflective writing. mahara.org 
Caring	Developing new feelings, interests, values	Care about the subject and learning more on the subject.	Create a 3 minute video that persuades others to care about an aspect of the subject. Videoscribe , figngrid , animato , youtube	 Collaboratively create a site showcasing the value and interest of the subject. sites.google.com	 Participate in debates & create VBates (video debates). idebate.org	
Human Dimension	Learning about oneself, others	Understand the personal and social implications of knowing about this subject.	Blog or discuss ways in which one's personal life affects and is affected by the subject. LMS , wordpress.com , weebly , voicethread	Be an ethical, responsible member of a team serving others; tools to support groups. drive.google.com	 Observation of real-life human experiences related to the content; report back to the class. Moodle or LMS	
Integration	Connection ideas, people, realms of life	Be able to relate this subject to other subjects.	Aggregate, curate, and mashup web content to make connections. feedly.com or flipboard.com on a mobile device.	Create a description or analysis of the relationship between two or more concepts. Infogram , Piktochart , wordpress.com	 Curate pins on competing ideas or concepts into relevant boards to integrate and make connections. pinterest.com	
Application	Skills: Critical, creative, and practical thinking; Managing projects	Know how to use the content.	Analyze and critique an issue or case study. Moodle, wordpress.com , or Padlet	Apply the skills in context; document ability with video. youtube.com , videoscribe , figngrid , animato	 Create a recommendation for a corporation in a real-world problem/situation. Powtoon or sites.google.com	
Foundational Knowledge	Understanding & remembering information & ideas	Understand and remember key concepts, terms, relationships.	Create and share/narrate a mental map or conceptual structure of major concepts. Mindmeister , bubbl.us , etc.	Create a presentation; Explain & predict concepts & ideas. prezi.com	 Have students access and interact with primary sources of content. ted.com , Library of Congress , etc.	 

2018, Version 2.0 Adapted by Janine Lim from content in L. Dee Fink. Creating Significant Learning Experiences: An Integrated Approach to Designing College Courses (p. 50). Kindle Edition.

Application

- Description (Fink p. 29):
 - Skills; Critical, creative, and practical thinking; Managing projects
- Sample Course Goal (Fink p. 34):
 - Know how to use the content



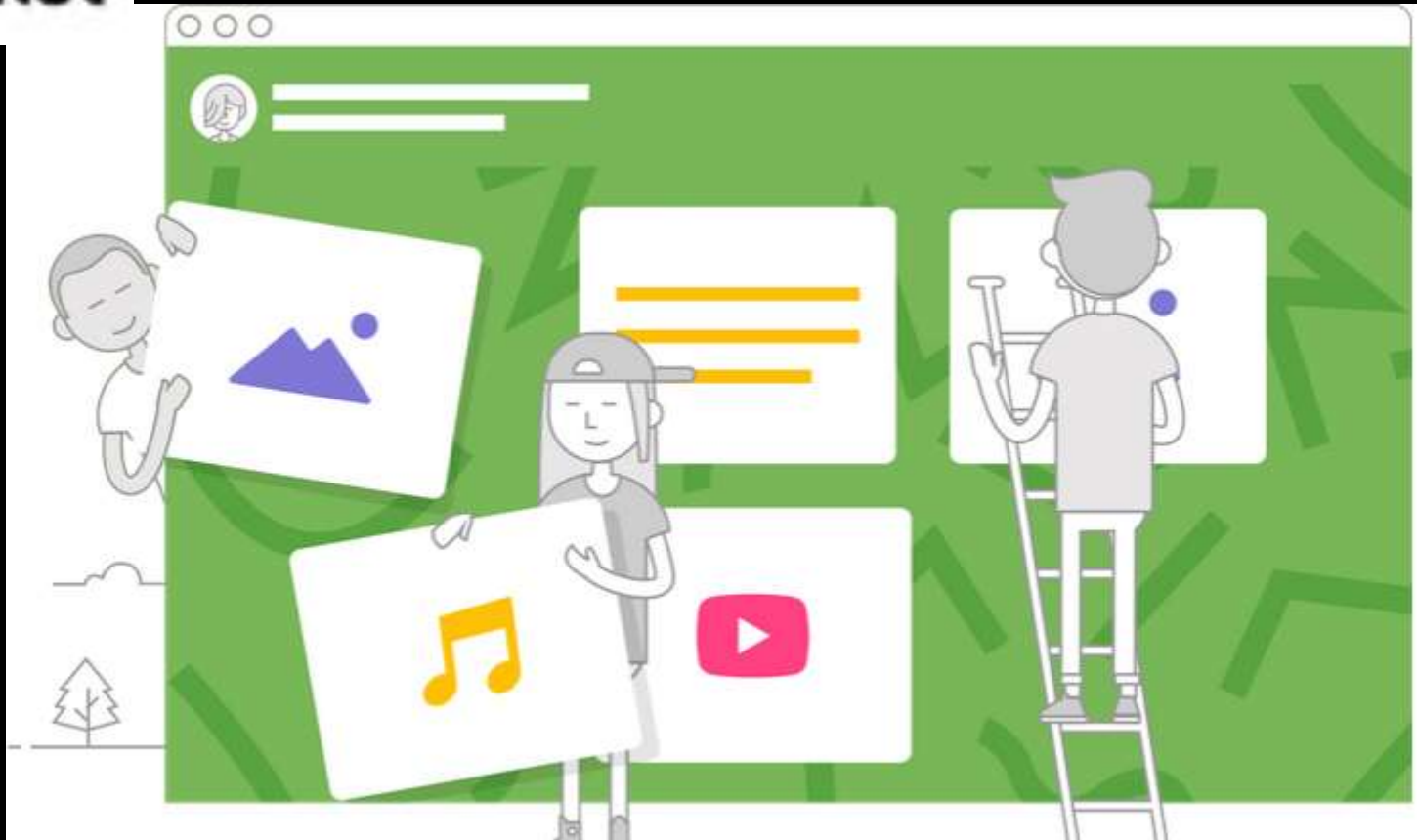
Your Turn Application

Skills; Critical,
creative, and
practical thinking;
Managing projects

60



padlet



Analyze and
critique an
issue or case
study



Apply the skills in context; document ability with video.

POWTOON

| Make It Awesome



Create a recommendation for a corporation in a real-world problem/situation.

1.Fink's Taxonomy of Significant Learning

2.Learning How to Learn

3.Caring

4.Human Dimension

5.Integration

6.Application

7.Foundational Knowledge

Online Tools & Activities to Support Fink's Taxonomy of Significant Learning

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Foundational Knowledge

- Description (Fink p. 29):
 - Understanding & remembering information & ideas
- Sample Course Goal (Fink p. 34):
 - Understand and remember key concepts, terms, relationships



Your Turn

Foundational

Knowledge

Understanding &
remembering
information &
ideas

60

bubbl.us
Brainstorming made simple!



Create and
share/narrate a
mental map or
conceptual structure
of major concepts



Prezi

Who is Gen Z?

With \$44B in buying power you should probably find out.



Who is Gen Z? by IBM

Prezi Team



SAASTR
CSS
COSELLING
SPACE



SaaStr Coselling Space

Prezi Team

THE PSYCHOLOGY OF (UN)FORGETTABLE CONVERSATIONS



The Psychology of (Un)forgetta...

Prezi Team

TURNING YOUR B- AND C-PLAYERS INTO A-PLAYERS: ADVICE FROM A SALES MANAGER



Turning your B- and C-Players i...

Prezi Team

Capterra

\$1 Million Mistakes

5 Costly Software-Buying Mistakes and How to Avoid Them



5 Costly Software-Buying Misst...

Prezi Team

Create a
presentation:
Explain &
predict
concepts &
ideas

Lessons Series Clubs Patrons Shop Nominate

Build a lesson around any TED-Ed Original, TED

Create a Lesson +



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Digital Collections

Refine your results

Subject	
American History	97
Performing Arts	77
Government, Law & Politics	71
World Cultures & History	65

View Select Go Sort By Select Go

Have students access and interact with primary sources of content.

Which of Fink's significant learning concepts most intrigued you?

Learning How to Learn

Caring

Human Dimension

Integration

Application

Foundational Knowledge

What is one thing you will do next to integrate the concepts of Significant Learning into your work?

AVLN to Adventist Learning Community

- Integrating Technology in Service Learning
- Technology for 21st Century Learning
- Teaching Online in Higher Education (K12 version coming 2019)



www.andrews.edu/distance



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Courses - Undergrad Students



Degrees - Undergraduate



Courses - Graduate Students



Degrees- Graduate

20 Tools for Significant Learning and Student Engagement

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Twitter: outonalim
Handout and links at: blog.janinelim.com