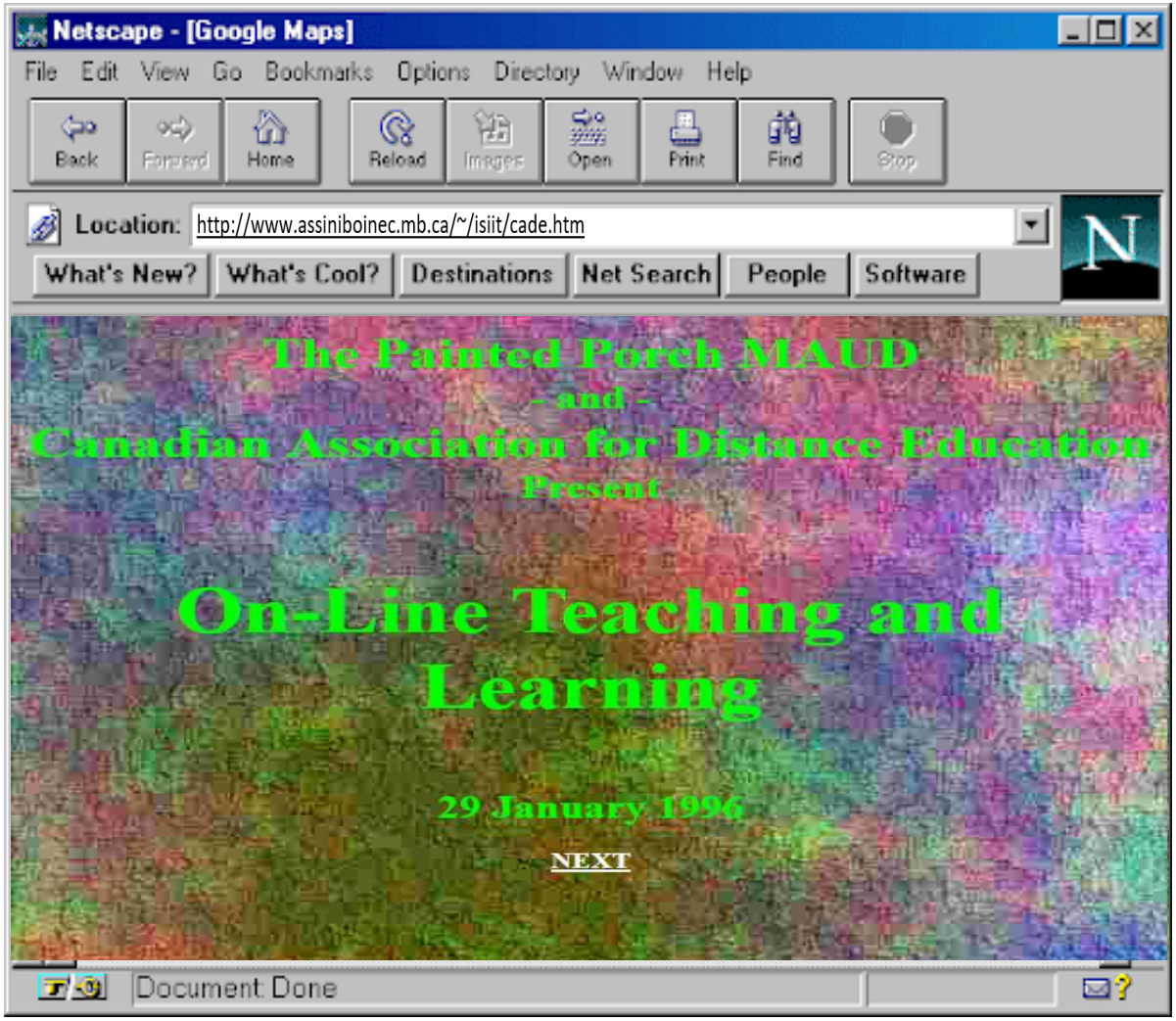
Supporting Everyday Learning

Stephen Downes, CNIE 2021, April 20, 2021 https://www.downes.ca/presentation/546

We've Been Here Before…



https://www.downes.ca/archive/1996/isiit/cade.htm

Ink-Stained Fingers

https://www.cbc.ca/news/canada/calgary/gauntlet-student-journalism-magazine-1.4069994

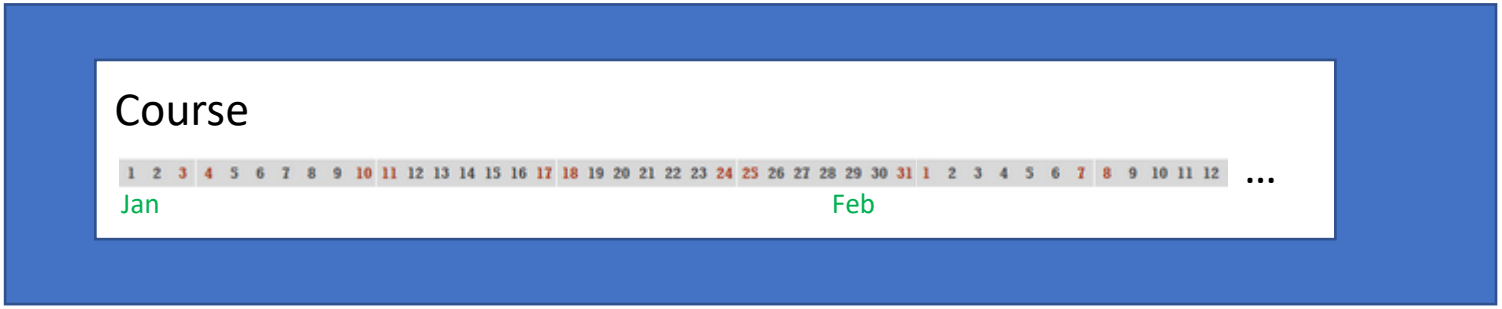
What is Everyday Learning?

"Learning does not take place only in the classroom. Children learn by observing animal friends in the backyard, discovering new ways to get moving, picking out shapes in a walk around the neighborhood or critiquing a famous piece of art. Learning occurs naturally, everyday!"

https://www.pbslearningmedia.org/collection/everyday-learning/

The Concept of ‘Everyday’

Not This:



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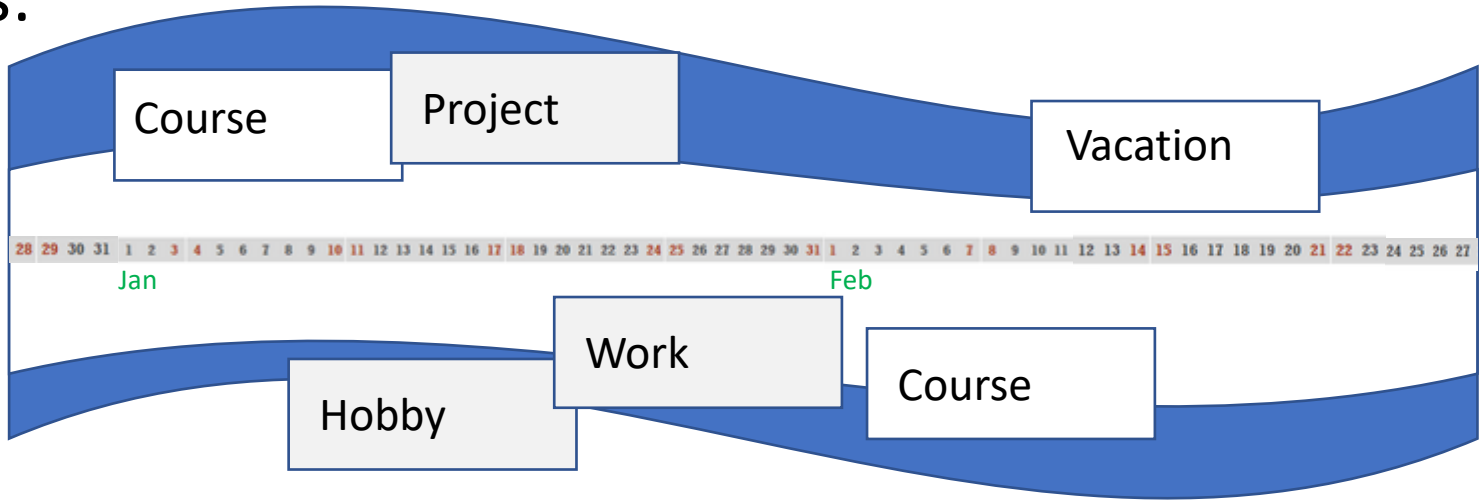
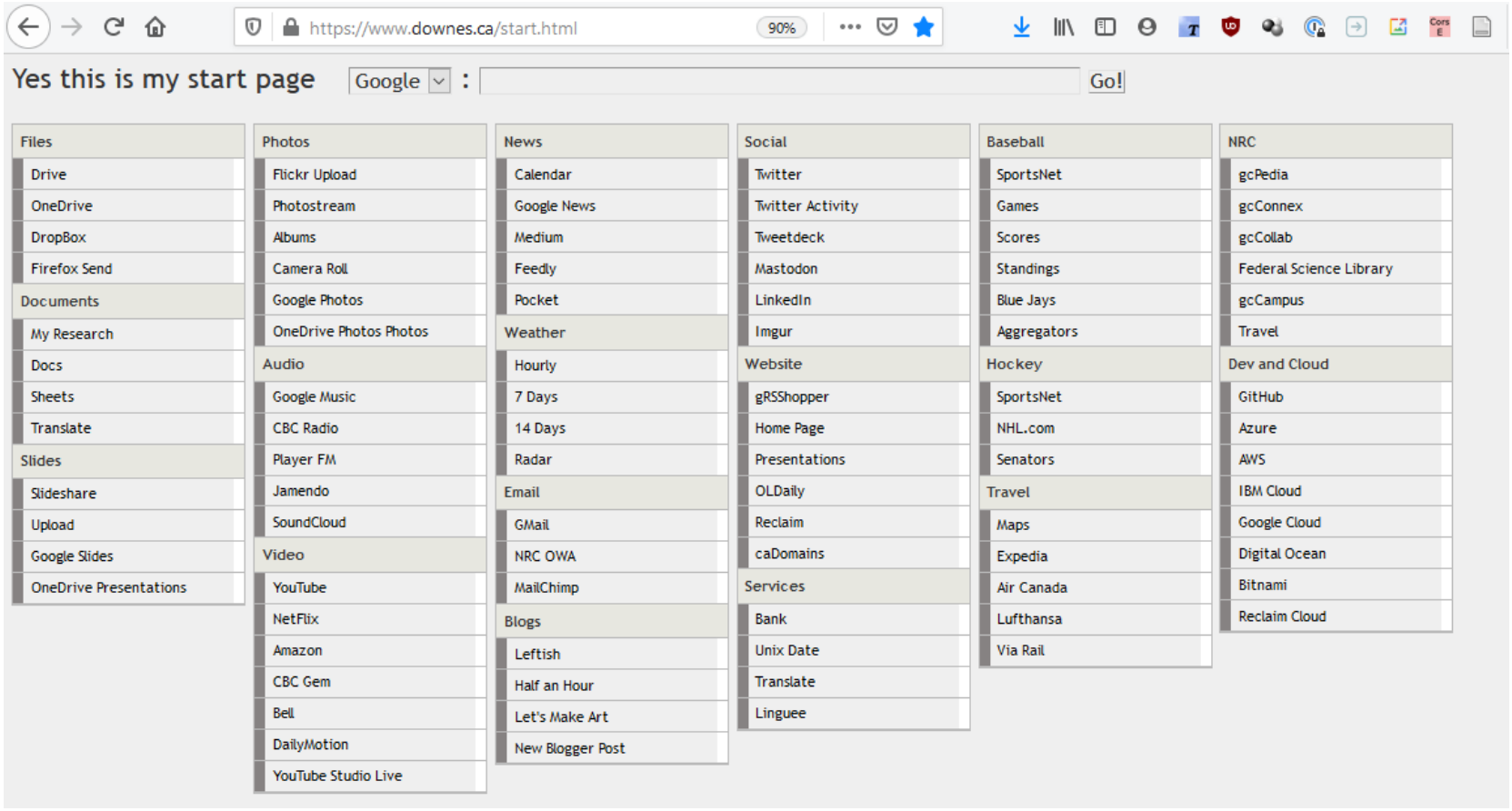
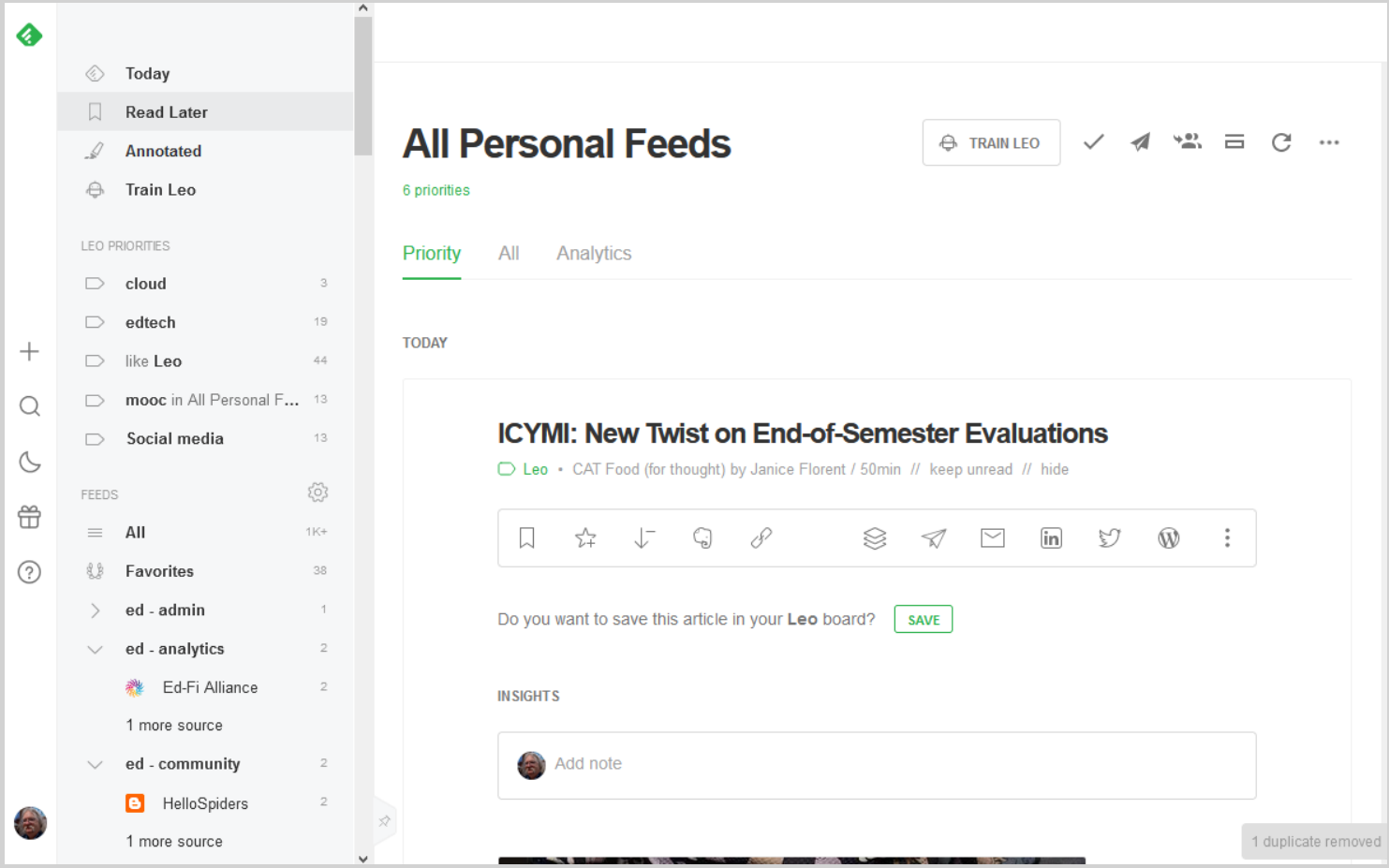


What’s Your ‘Everyday?’

My ‘Everyday’


https://www.downes.ca/start.html
90%
Yes this is my start page
Google
:
Go!
Files
Drive
OneDrive
DropBox
Firefox Send
Documents
My Research
Docs
Sheets
Translate
Slides
Slideshare
Upload
Google Slides
OneDrive Presentations
Photos
Flickr Upload
Photostream
Albums
Camera Roll
Google Photos
OneDrive Photos Photos
Audio
Google Music
CBC Radio
Player FM
Jamendo
SoundCloud
Video
YouTube
NetFlix
Amazon
CBC Gem
Bell
DailyMotion
YouTube Studio Live
News
Calendar
Google News
Medium
Feedly
Pocket
Weather
Hourly
7 Days
14 Days
Radar
Email
GMail
NRC OWA
MailChimp
Blogs
Leftish
Half an Hour
Let's Make Art
New Blogger Post
Social
Twitter
Twitter Activity
Tweetdeck
Mastodon
LinkedIn
Imgur
Website
gRSShopper
Home Page
Presentations
OLDaily
Reclaim
caDomains
Services
Bank
Unix Date
Translate
Linguee
Baseball
SportsNet
Games
Scores
Standings
Blue Jays
Aggregators
Hockey
SportsNet
NHL.com
Senators
Travel
Maps
Expedia
Air Canada
Lufthansa
Via Rail
NRC
gcPedia
gcConnex
gcCollab
Federal Science Library
gcCampus
Travel
Dev and Cloud
GitHub
Azure
AWS
IBM Cloud
Google Cloud
Digital Ocean
Bitnami
Reclaim Cloud

Feedly: An RSS Reader

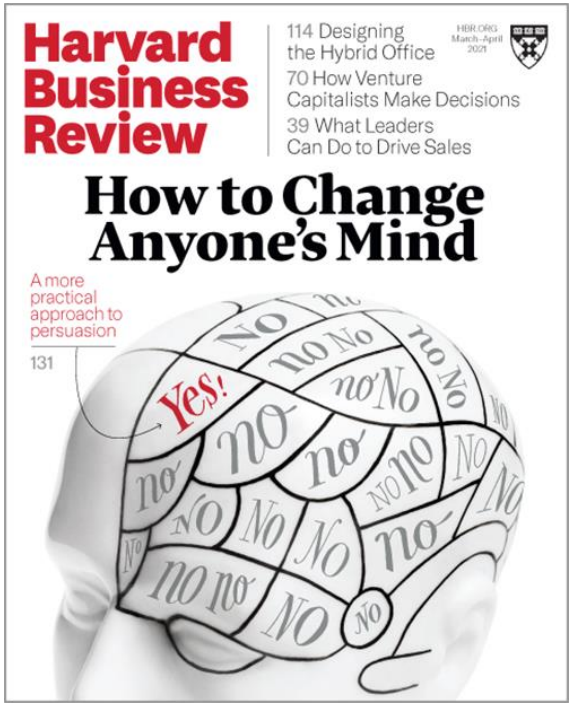


https://feedly.com

Examples

Magazines

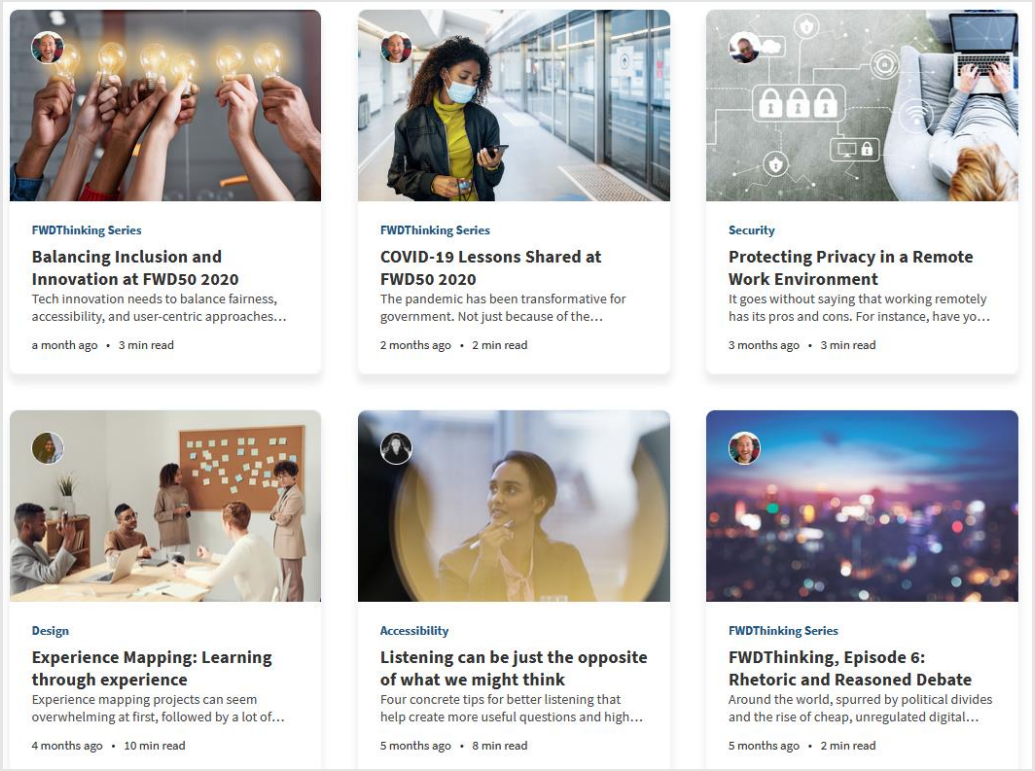
Magazines offer a window to the public on current research and offer a frequent reminder of the institution's value to the community.



https://en.unesco.org/news/open-university-china-awarded-unesco-prize-its-use-ai-empower-rural-learners

OUC for Rural learners

"As local residents are mainly engaged in agriculture, forestry, animal husbandry and fishery, the University developed learning resources, which can be easily accessed via mobile applications from anywhere, including while working in the field or on the farm."



https://www.busrides-trajetsenbus.ca/

Busrides

"We want to give all public servants a basic and shared conceptualization of a Government of Canada 'digital' lens before they move on…"

https://www.busrides-trajetsenbus.ca/en/ep-13-en

Short Sims

https://www.shortsims.com/

—

“Online scenarios where people learn by doing that are still cost- and time- effective to create and deploy… they map to how we learn in life. ”

Daily Photo

“Welcome to the (woah) 14th year of this daily photo group. Besides sharing one photo per day, share some appreciation by commenting on other people's photos. For 2021... same group, same URL, no real rules.”

https://www.flickr.com/groups/366photos/

DS 106 Daily Create

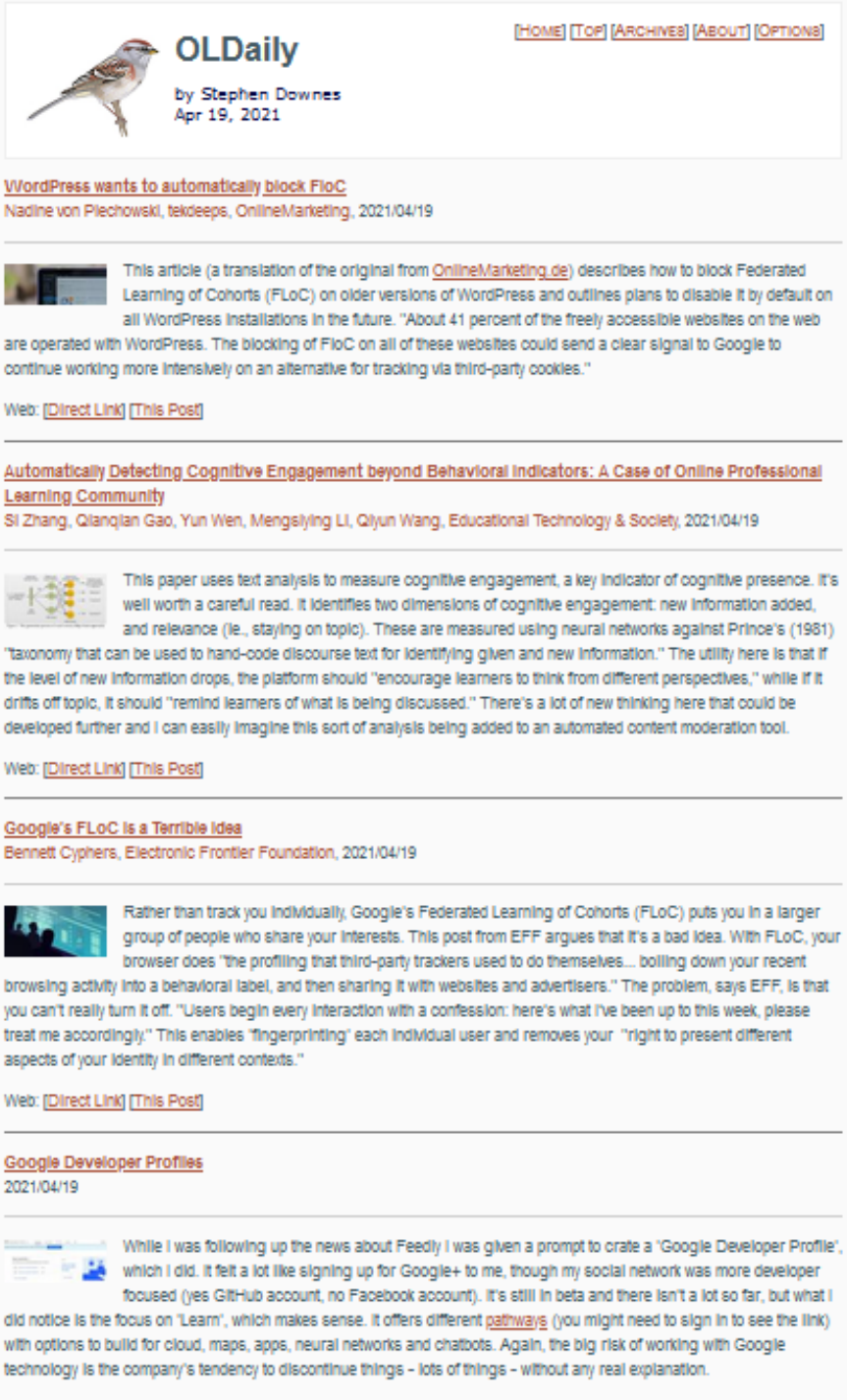
https://daily.ds106.us/tdc3385/

"We encourage you to challenge yourself to create something new each day instead of using older photos or videos. But there are no enforced rules- if you re-use media, think how you can make it new by re-editing them. "

"Posts don't need to be long-form, deep, meaningful, or even that well written…. What's important is that you're writing about the things you want to write about."

100 Days to Offload

https://100daystooffload.com/



OLDaily

by Stephen Downes
Apr 19, 2021

[Home] [Top] [Archives] [About] [Options]

WordPress wants to automatically block FloC
Nadine von Piechowski, tekdeeps, OnlineMarketing, 2021/04/19

This article (a translation of the original from OnlineMarketing.de) describes how to block Federated Learning of Cohorts (FLoC) on older versions of WordPress and outlines plans to disable it by default on all WordPress installations in the future. "About 41 percent of the freely accessible websites on the web are operated with WordPress. The blocking of FloC on all of these websites could send a clear signal to Google to continue working more intensively on an alternative for tracking via third-party cookies."

Web: [Direct Link] [This Post]

Automatically Detecting Cognitive Engagement beyond Behavioral Indicators: A Case of Online Professional Learning Community
Si Zhang, Qianqian Gao, Yun Wen, Mengsiying Li, Qiyun Wang, Educational Technology & Society, 2021/04/19

This paper uses text analysis to measure cognitive engagement, a key indicator of cognitive presence. It's well worth a careful read. It identifies two dimensions of cognitive engagement: new information added, and relevance (ie., staying on topic). These are measured using neural networks against Prince's (1981) "taxonomy that can be used to hand-code discourse text for identifying given and new information." The utility here is that if the level of new information drops, the platform should "encourage learners to think from different perspectives," while if it drifts off topic, it should "remind learners of what is being discussed." There's a lot of new thinking here that could be developed further and I can easily imagine this sort of analysis being added to an automated content moderation tool.

Web: [Direct Link] [This Post]

Google's FLoC is a Terrible Idea
Bennett Cyphers, Electronic Frontier Foundation, 2021/04/19

Rather than track you individually, Google's Federated Learning of Cohorts (FLoC) puts you in a larger group of people who share your interests. This post from EFF argues that it's a bad idea. With FLoC, your browser does "the profiling that third-party trackers used to do themselves... boiling down your recent browsing activity into a behavioral label, and then sharing it with websites and advertisers." The problem, says EFF, is that you can't really turn it off. "Users begin every interaction with a confession: here's what I've been up to this week, please treat me accordingly." This enables "fingerprinting" each individual user and removes your "right to present different aspects of your identity in different contexts."

Web: [Direct Link] [This Post]

Google Developer Profiles
2021/04/19

While I was following up the news about Feedly I was given a prompt to crate a 'Google Developer Profile', which I did. It felt a lot like signing up for Google+ to me, though my social network was more developer focused (yes GitHub account, no Facebook account). It's still in beta and there isn't a lot so far, but what I did notice is the focus on 'Learn', which makes sense. It offers different pathways (you might need to sign in to see the link) with options to build for cloud, maps, apps, neural networks and chatbots. Again, the big risk of working with Google technology is the company's tendency to discontinue things - lots of things - without any real explanation.

OLDaily

"Posts don't need to be long-form, deep, meaningful, or even that well written.... What's important is that you're writing about the things you want to write about."

https://www.downes.ca/news/OLDaily.htm

Subscribe:

More
Examples?

Types

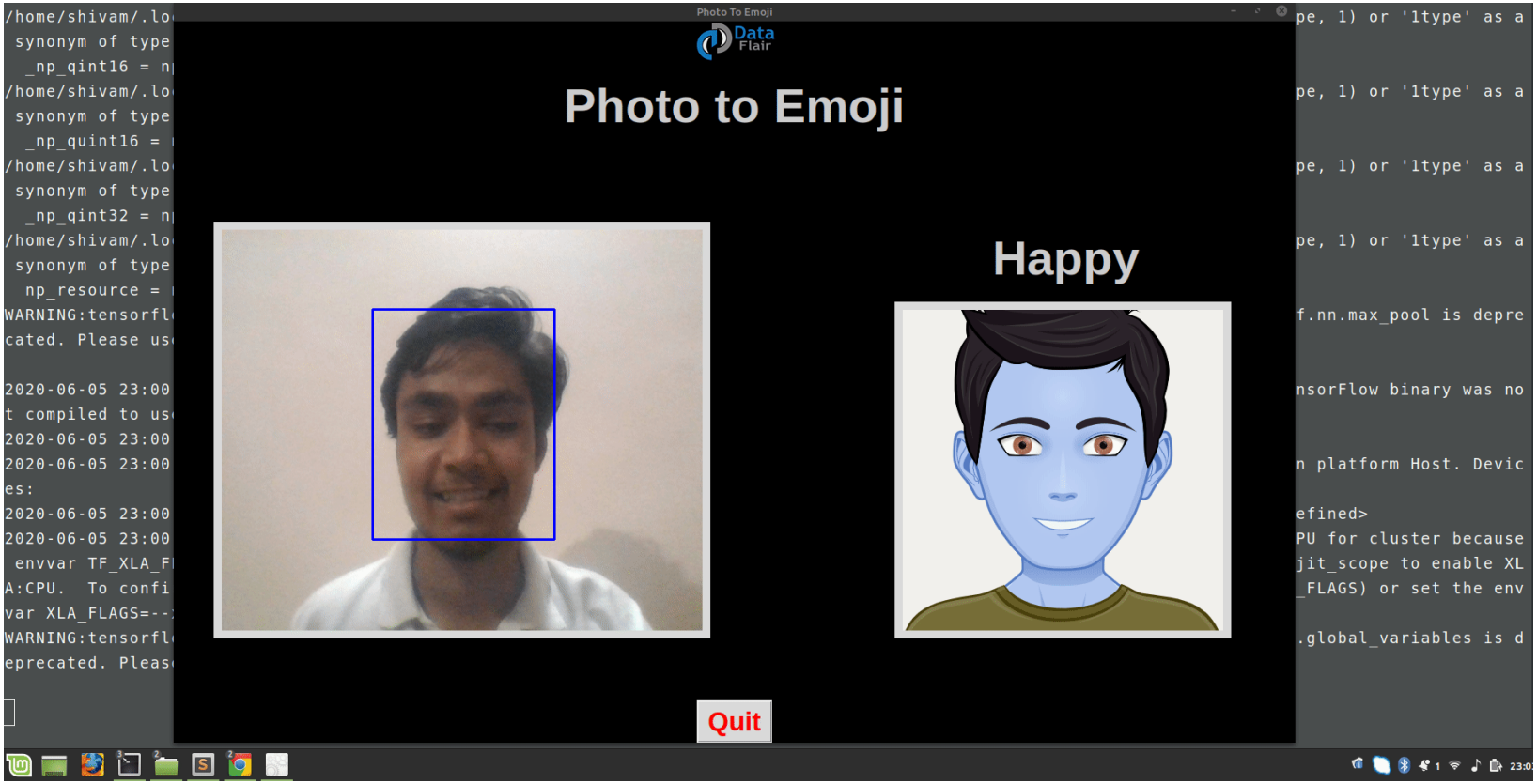
Conversations or Debates

"Effective discourse depends on negotiating existing information (given information) and constantly coming up with new information. "

Figure 2. A screenshot of the online discussion interface

https://drive.google.com/file/d/1S2QgHnPRYkrmq4DcZYn3l-pBUYJsXPPi/view

Projects and Activities



Machine Learning Projects for 2021
https://data-flair.training/blogs/machine-learning-project-ideas/

Link Sharing

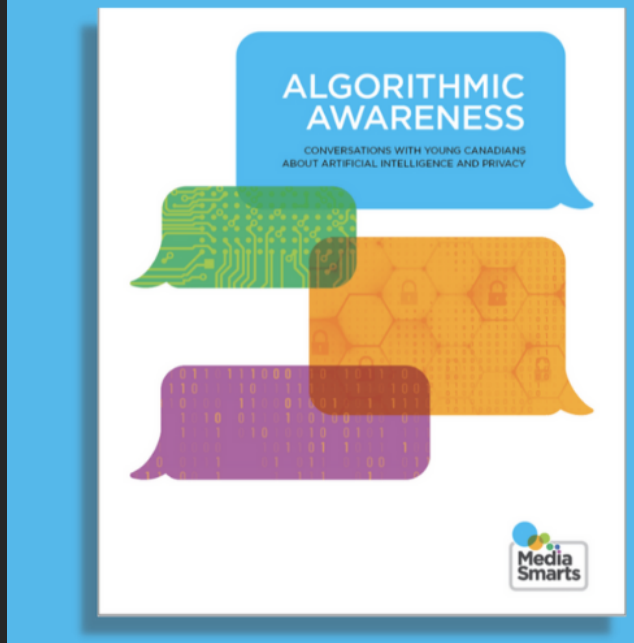
It was one of the original activities on the web, but we've lost it in a sea of social media that does our link sharing for us (we just 'like' or 'retweet')

https://www.shortsims.com/

https://www.pinterest.ca/rootswingsk/distance-learning-ideas/

Resource Centres

"MediaSmarts is a Canadian not-for-profit charitable organization for digital and media literacy… the critical thinking skills to engage with media as active and informed digital citizens."



Algorithmic Awareness:

Conversations with Young Canadians about Artificial Intelligence and Privacy

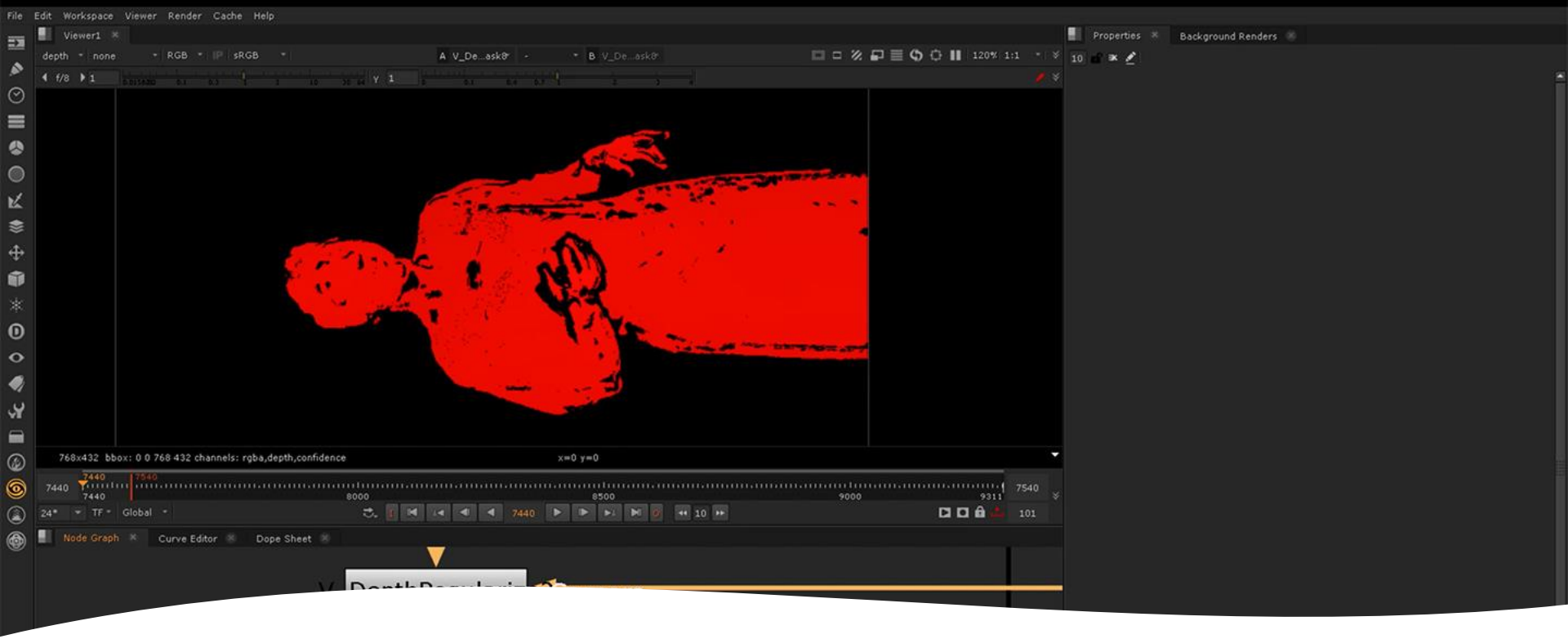
https://mediasmarts.ca/

Video Series

What exactly is Leg Before Wicket? How do you bowl a No ball? Can a batsman force a Wide ball?

Stephen Fry narrates this animated series, which has been produced as a helpful guide to clarify the Laws of Cricket by MCC.

Laws of Cricket:
https://www.youtube.com/playlist?app=desktop&list=PLMnF7vW2Mvk6nbkwzhytJlfSX6Qw1QeH6



Volumetric video

Volumetric video is considered as the emerging technology for the 3D representation of real persons enabling truly immersive applications for Augmented and Virtual Reality.

https://www.foundry.com/insights/film-tv/volumetric-video-capture
https://sketchfab.com/3d-models/cat-flip-29308353e5aa49129393074cfa66ccbd

The Tech

Moodle Activities

"A general name for a group of features in a Moodle course. Usually, an activity is something that a student will do that interacts with other students and or the teacher. "

See Stefan Krueger – changing the name from 'Database' to 'Peer Sharing'

How to make your Moodle course public without asking user to log in as a guest https://elearning.3rdwavemedia.com/blog/make-moodle-course-public-without-asking-user-log-guest/2022/

Activity module	Activities	Version	Hide/Show	Settings	Uninstall
Assignment	6	2015051100		Settings	
Assignment 2.2 (Disabled)	0	2015051100			Uninstall
Book	1	2015051100		Settings	Uninstall
Chat	2	2015051100		Settings	Uninstall
Choice	2	2015051100			Uninstall
Database	2	2015051100		Settings	
Feedback	1	2015051100		Settings	
Folder	3	2015051100		Settings	Uninstall
Forum	9	2015051100		Settings	
Glossary	2	2015051100		Settings	
IMS content package	0	2015051100		Settings	Uninstall
Label	14	2015051100		Settings	Uninstall
Lesson	2	2015051100		Settings	Uninstall
External tool	0	2015051100		Settings	Uninstall
Page	1	2015051100		Settings	Uninstall
Quiz	7	2015051100		Settings	
File	2	2015051100		Settings	Uninstall
SCORM package	192	2015051101		Settings	Uninstall
Survey	3	2015051100			Uninstall
URL	1	2015051100		Settings	Uninstall
Wiki	1	2015051100			Uninstall
Workshop	1	2015051100		Settings	Uninstall

https://docs.moodle.org/310/en/Activities

Revamping Moodle Learning Experience to Support a Fully Online Masters Program, Stefan Krueger, KnowledgeOne, CNIE, 2021

Cricket

"Designed to provide faculty, learning designers and others with a space to explore different approaches to student-focused instructional strategies for their courses, either in a campus setting or online."

Based on SPLOTbox a WordPress Theme that "powers a site to allow collections of media content (termed 'items') where contributions can be made without requiring logins or providing personally identifying information.

https://cricket.trubox.ca/

https://splot.ca/

https://github.com/cogdog/splotbox

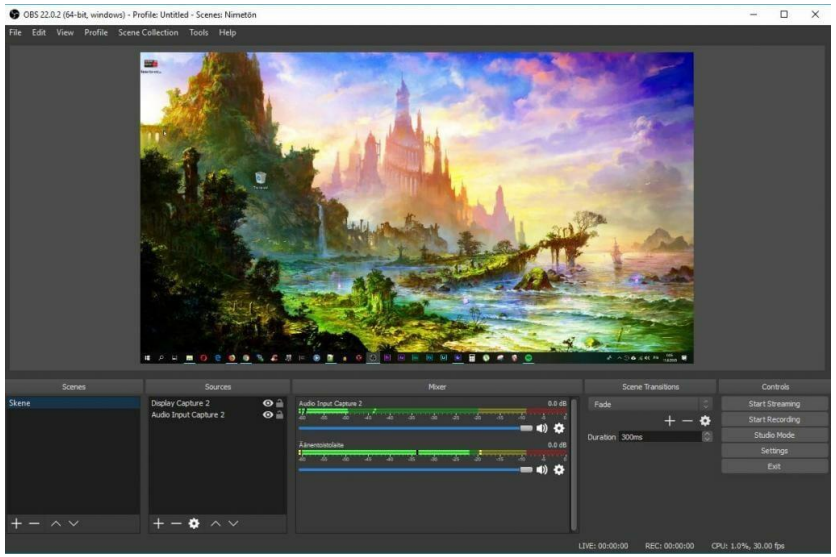
Podcasting

Anchor -- free service for recording, hosting, and distributing podcasts
Soundcloud -- record from desktop or mobile phone
Blubrry -- includes a WordPress site
Internet Archive -- upload audio to everyone for free
Zencastr - podcast recording

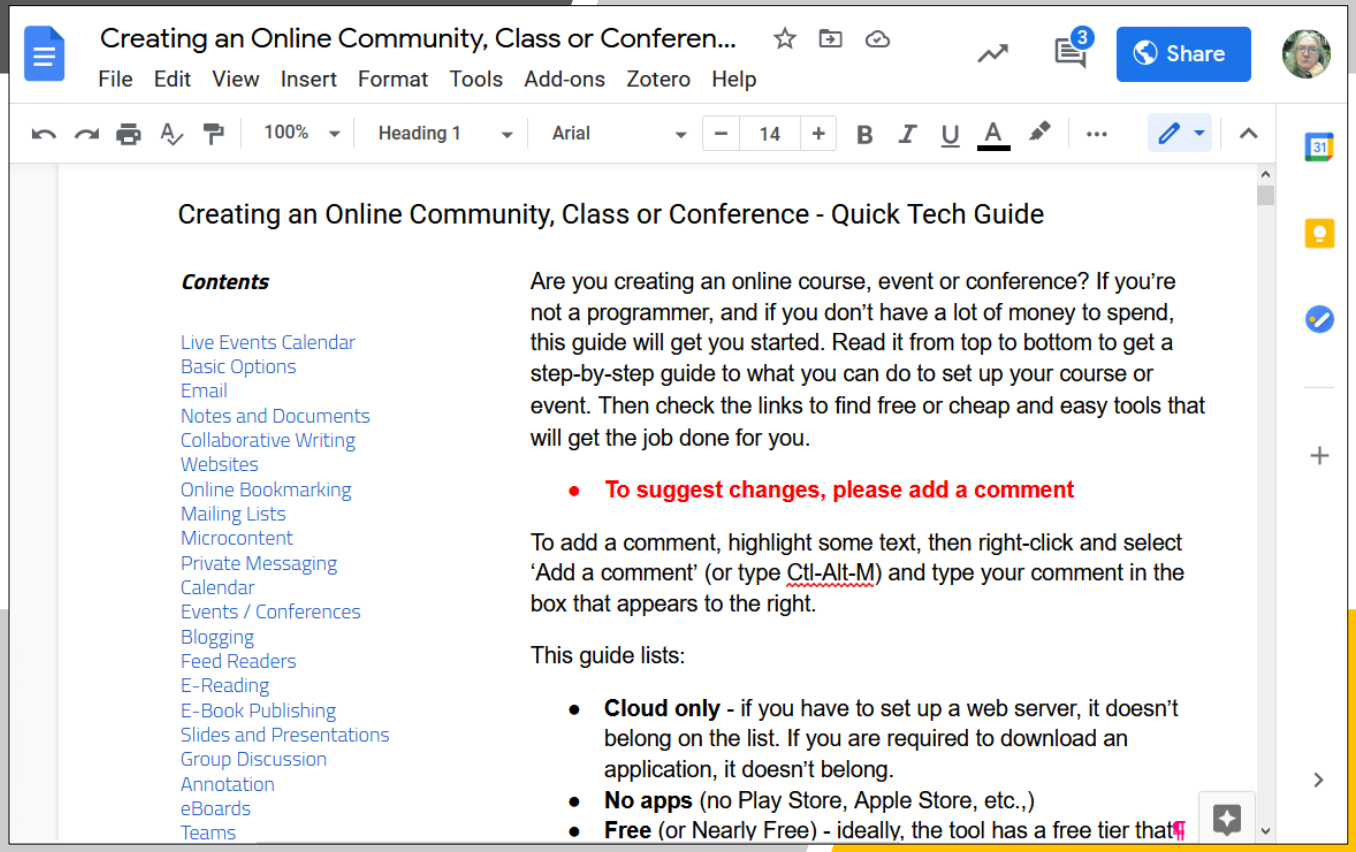
Educationalist, Hear Me Out https://educationalist.substack.com/p/hear-me-out

Webcasting

- OBS: Open Broadcaster Software
- A distribution platform, like YouTube Live
- Loom -- Guides: Kathleen Morris,
- Screencastify
- Screencast-o-matic - Google extension
- Zoom - record video conferences
- Twitch - most often used to record games



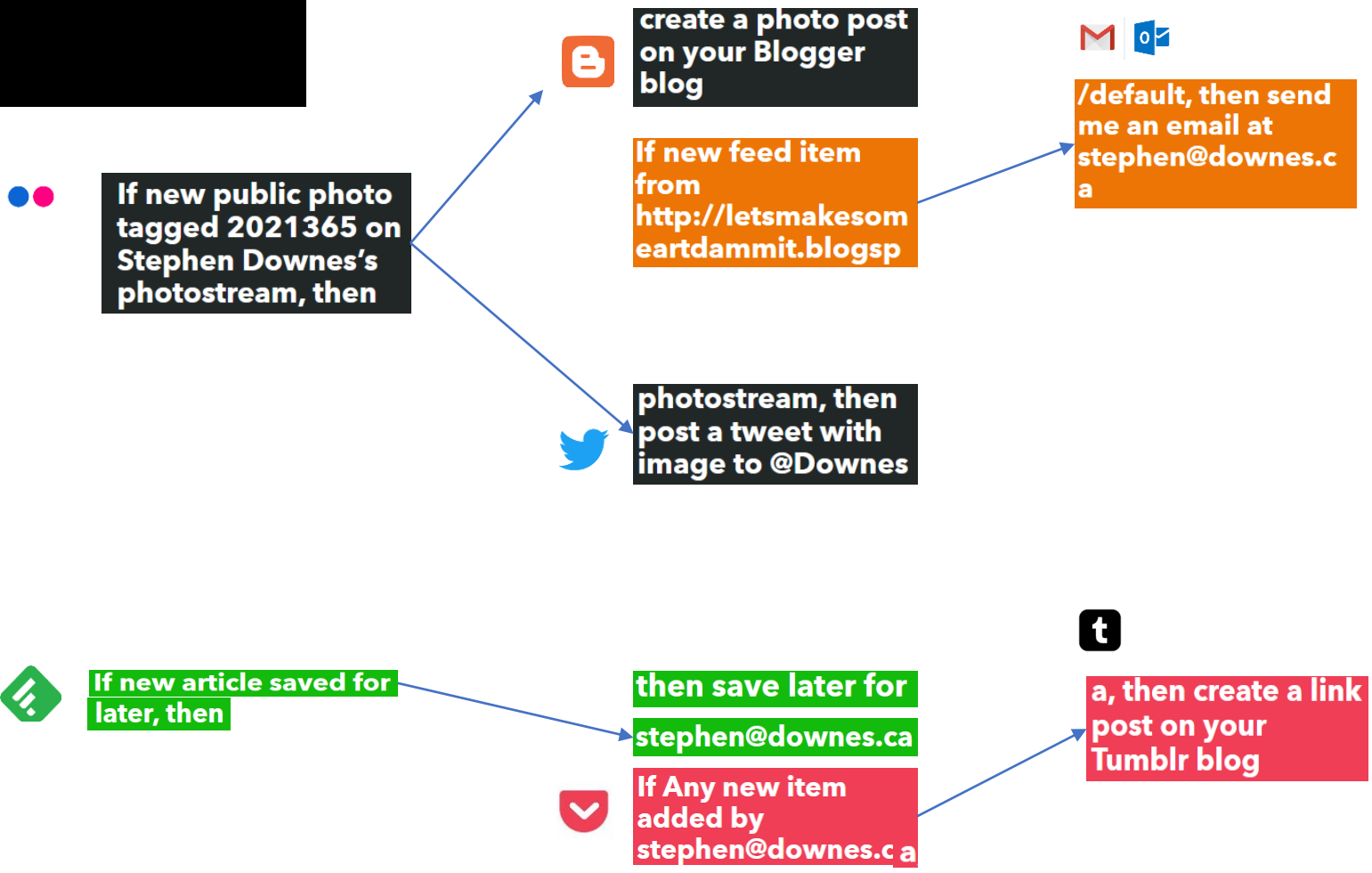
Collaborative Authoring



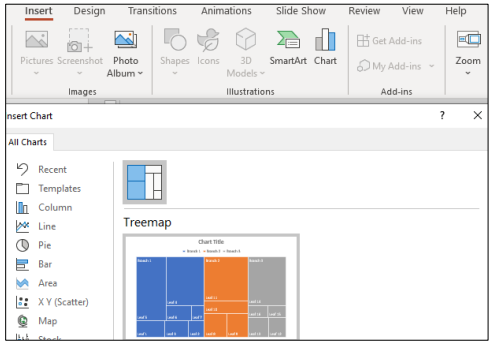
http://bit.ly/quicktechguide

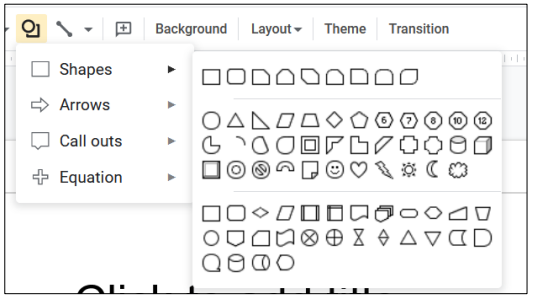
IFTTT

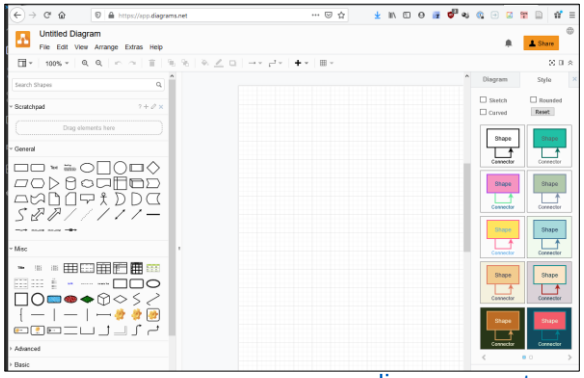
https://ifttt.com/



Pro Tip:
Use Design Tools to Make Images







app.diagrams.net

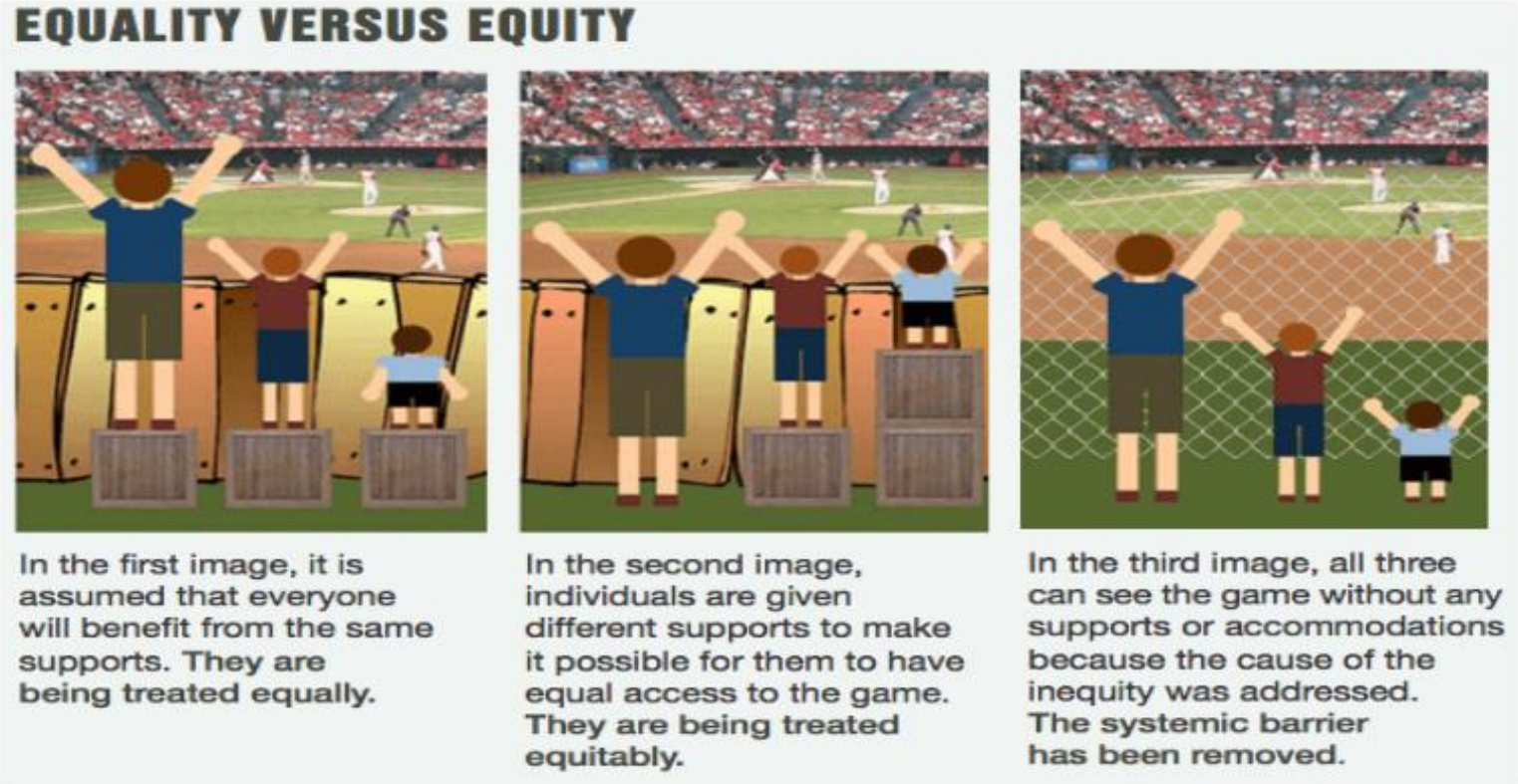
- Canva -- makes flyers, posters, etc
  - Guides: Edublogger,
- Padlet -- makes boards, documents, and webpages
- Piktochart -- presentations, posters, interactions (makes you do a survey when you start, just say “no thanks” to it)
- Mindmeister -- concept mapping tool with group editing and conversations.
- Miro -- for collaborative idea generation and visual feedback
- Google Slides -- useful for simple diagrams (export to various formats)
- Visme - create presentations, infographics, documents, videos, graphics
- LucidChart -- collaborative whiteboard charts - free tier three charts only - [Guides]
- Google Drawing -- useful for simple diagrams
- Mural -- digital workspace for visual collaboration (like Miro)
- Genial.ly -- Create presentations, infographics
- app.diagrams.net - formerly draw.io

I create the diagram using the tool then copy it with a snipping tool

Good
Practices

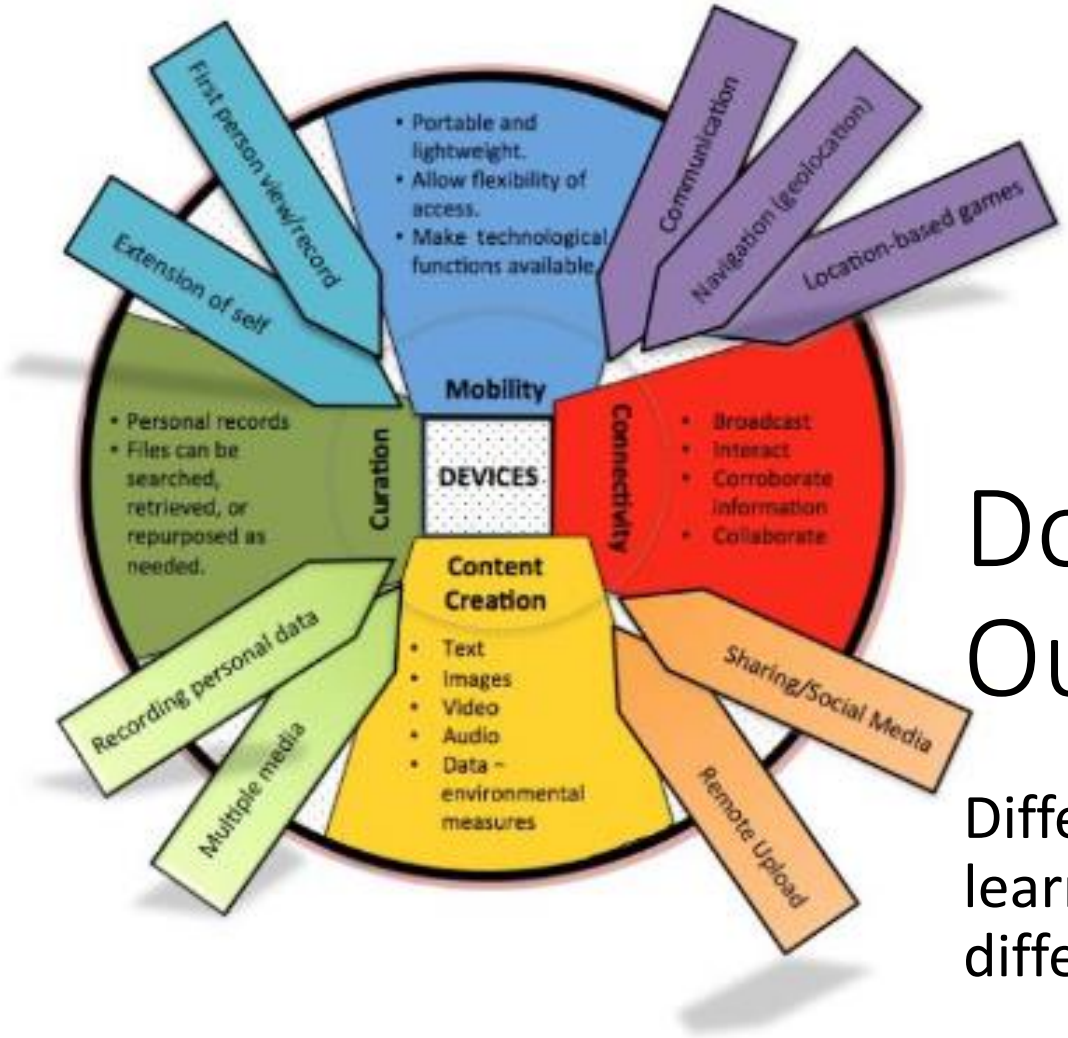
Good Practices?

Eliminate Barriers to Access



Removing Barriers to Online Learning Through a Teaching and Learning Lens. Bccampus. https://bccampus.ca/wp-content/uploads/2020/06/Report_Removing-Barriers-to-Online-Learning-Through-a-Teaching-and-Learning-Lens.pdf

Concepts of equality, equity ,and justice. Courtesy of Advancing Equity and Inclusion: A Guide for Municipalities by City for All Women Initiative (CAWI), Ottawa. https://www.cawi-ivtf.org/sites/default/files/publications/advancing-equity-inclusion-web_0.pdf



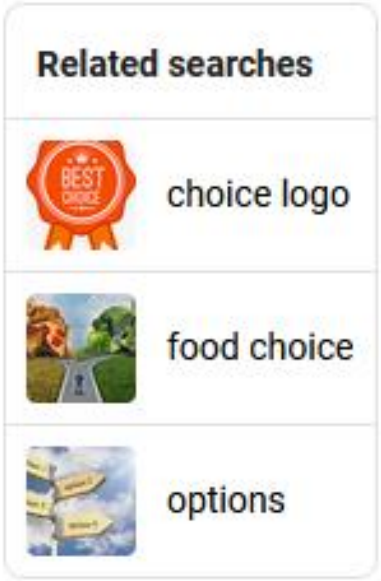
Don't Assume Outcomes

Different people access learning resources for different reasons.

The outcome is "dependent on how the mechanism is 'imagined' and adopted in the given context, and how affordances are identified and exploited." Margaret Lloyd, https://files.eric.ed.gov/fulltext/EJ1183002.pdf

"Consider how a change to an activity could help your someone be more involved in the activity."

Various Things to Choose From



https://ectacenter.org/~pdfs/decrp/PG_Env_EverydayLearningatHome_family_print_2017.pdf

Keep Things Clear

1. Use **Clear** and Precise Language.
2. Repeat Your **Directions**.
3. Explain the Purpose of the Task.
4. Make Sure Your Students Understand.
5. Use an Appropriate Tone.
6. Describe the Specifics.
7. Provide Examples.
8. Break Tasks into Manageable Chunks.

https://www.wgu.edu/heyteach/article/guide-giving-clear-instructions-students-that-they-will-actually-follow2001.html

Stand-Alone Activities

While it's tempting to build activities in a series, each depending on the next, people searching land in the *middle* of the series.

https://madisonaudubon.org/stand-alone-activities

B	I	R	D	O
Visit Faville Grove Sanctuary *Info & directions: madisonaudubon.org/faville-grove*	Learn five new bird calls *Try: allaboutbirds.org*	Watch a live bird nest cam *Google that!*	Install a bird feeder in your yard or balcony, or make your own from home materials	Share five Madison Audubon Facebook posts
See or hear two species of warblers in one day	Watch a Madison Audubon Facebook Live event or lesson *@madisonaudubon*	Visit a natural area that's new to you	Help someone ID a bird (a kid, adult, or stranger via online space)	Take a closer look at a familiar bird: what is something new you've not seen before?
Choose a place you dream of visiting and explore birds you'd find there	Brush up on ID of a tricky bird group *Try: allaboutbirds.org*	FREE SPACE! madison AUDUBON	Visit Goose Pond Sanctuary *Info & directions: madisonaudubon.org/goose-pond*	Plan your Birdathon *wibirdathon.org*
Draw a sketch of a bird you haven't drawn before	Locate an active bird's nest (keep your distance!)	Put a bird bath in your yard or on your balcony	See or hear all of these in one day: cardinal, chickadee, nuthatch, finch	Start and maintain bird list for your yard
Add one native plant to your yard that supports birds *Check out audubon.org/native-plants*	Practice using your binoculars for five minutes a day, 10 days this month	Find a bird sign outside (feather, footprint, bones, etc.)	Follow Madison Audubon on Instagram *@madisonaudubon*	Submit an eBird checklist *ebird.org*

Stay on Topic

"In this tutorial on Docker, we will begin by installing Python and setting up Flask."

https://bowarts.org/news/stay-on-topic-with-bow-arts

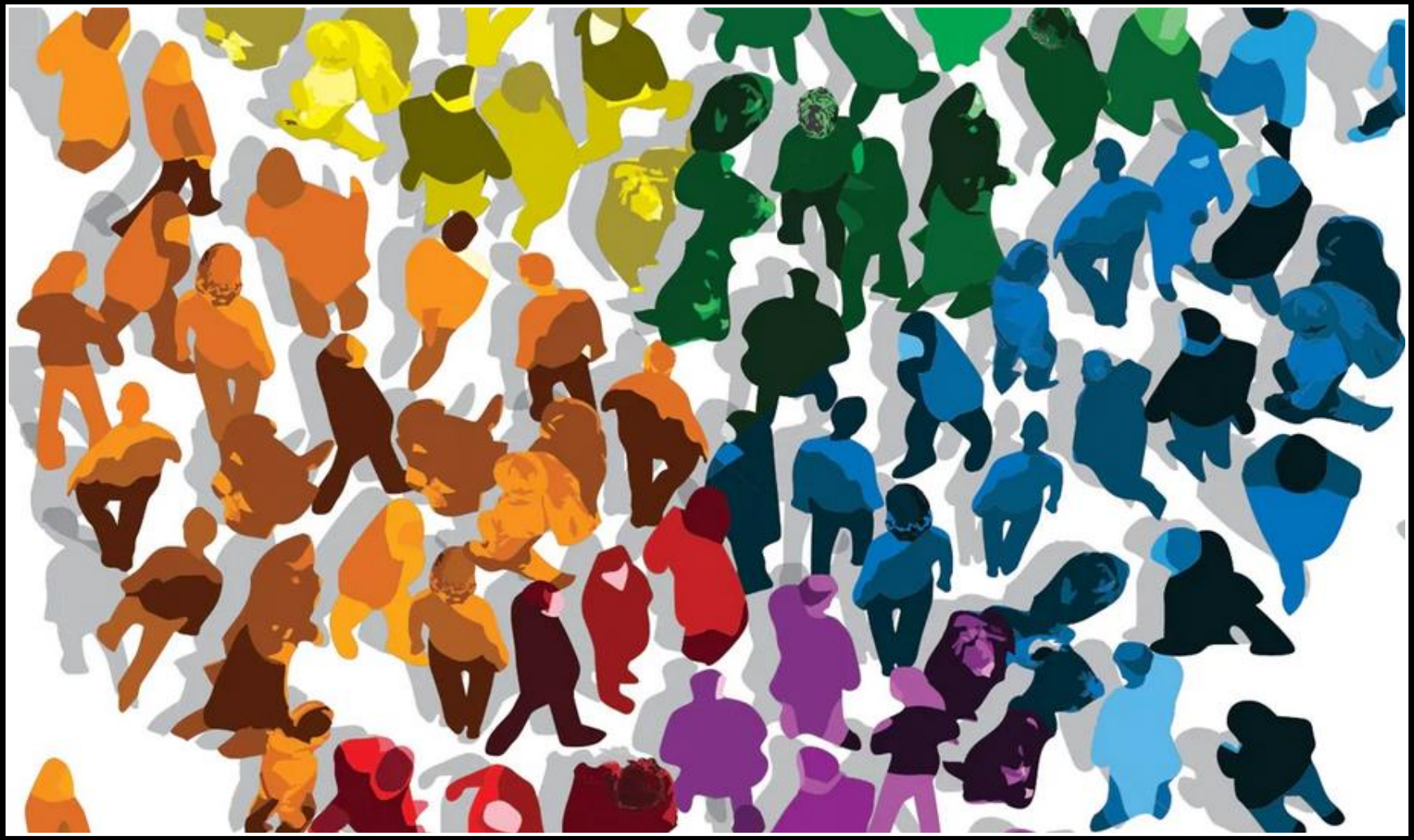
More
Examples?

Benefits

Lifelong Learning

"Personal fulfillment and development refer to natural interests, curiosity, and motivations that lead us to learn new things. We learn for ourselves, not for someone else."

https://www.valamis.com/hub/lifelong-learning



Equity and Inclusion

https://www2.deloitte.com/us/en/insights/topics/talent/six-signature-traits-of-inclusive-leadership.html

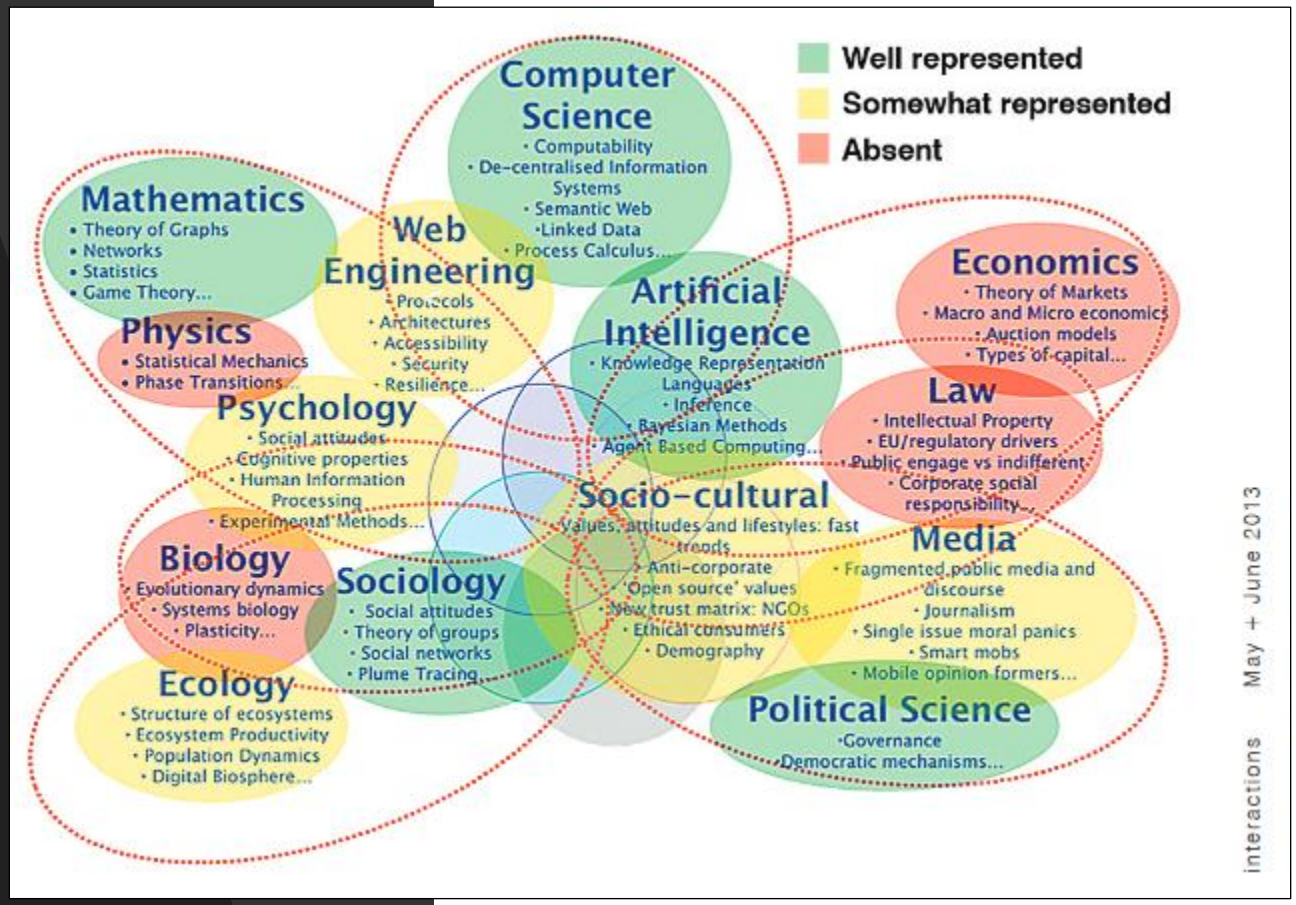
Diverse Markets

Different ways of reaching people discover different people to reach.

https://www.oecd.org/education/ceri/47229500.pdf

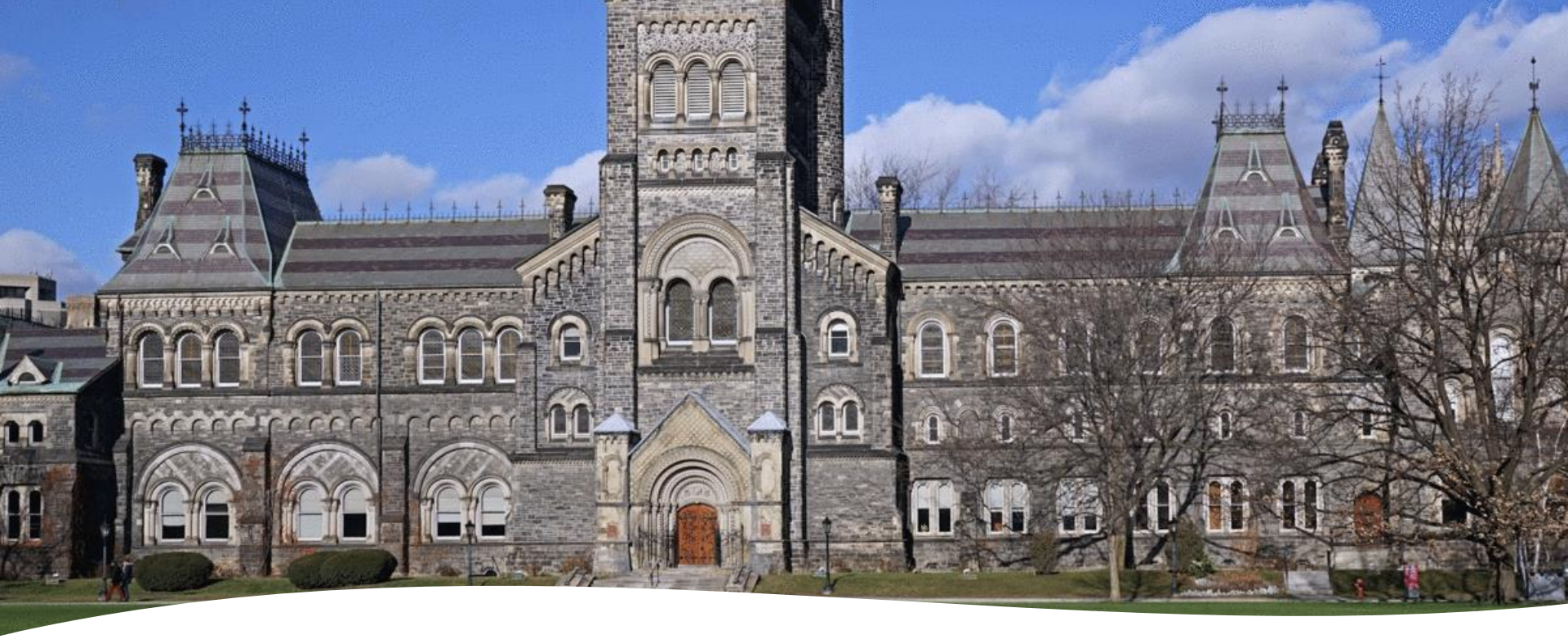
https://www.insidehighered.com/digital-learning/blogs/online-trending-now/changing-market-postsecondary-education

https://builtin.com/diversity-inclusion/diversity-in-the-workplace-statistics



Collaborative Research

https://dl.acm.org/doi/abs/10.1145/2451856.2451868



Greater Public Support

If universities were part of Canadians' everyday lives, maybe Canadians would be more inclined to support them.

https://blogs.lse.ac.uk/politicsandpolicy/job-guarantees-education-reform/
https://www.theatlantic.com/magazine/archive/2020/12/school-wasnt-so-great-before-covid-either/616923/

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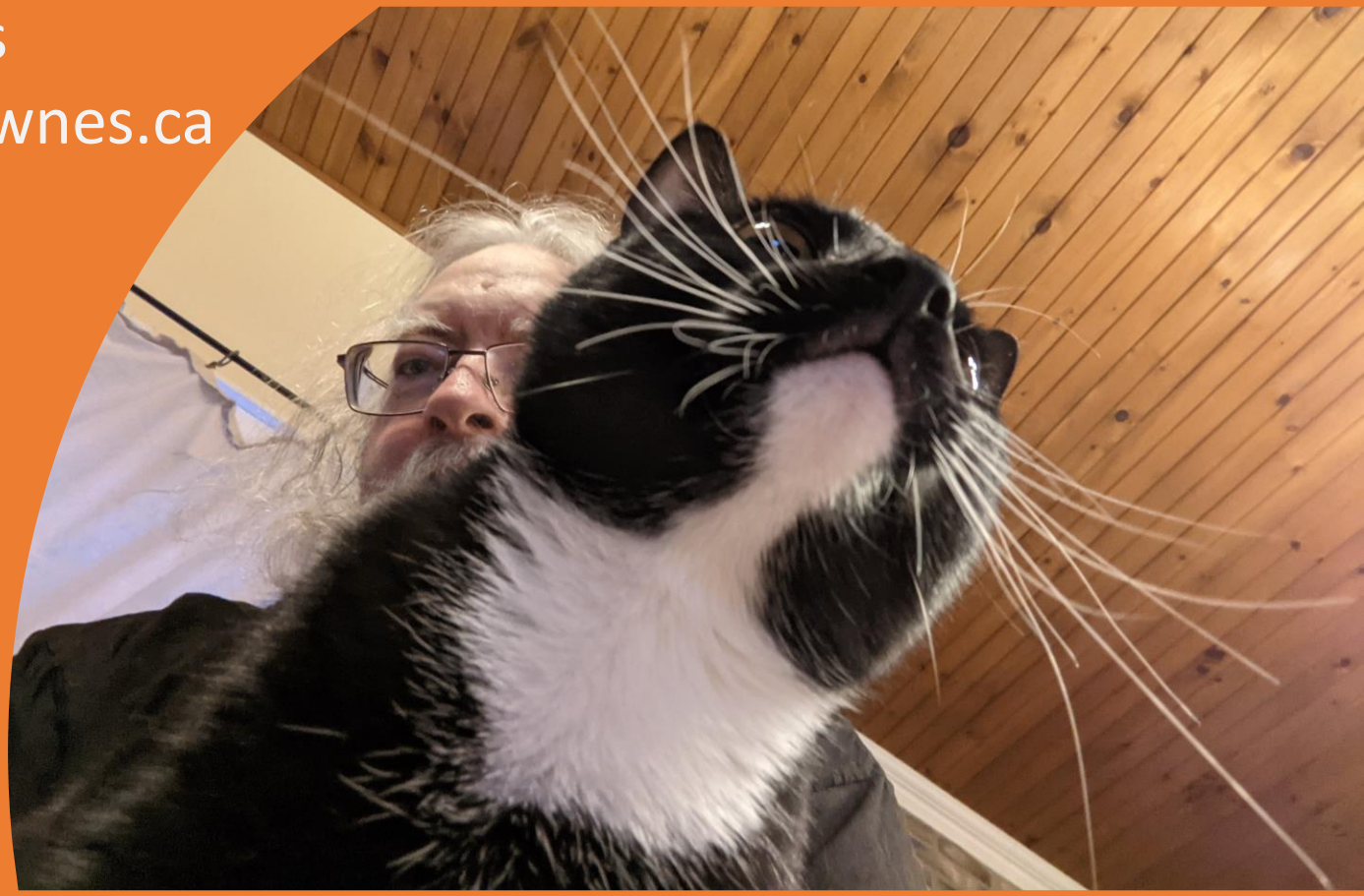
https://www.downes.ca



Pre-Talk Checklist

- Log into conference website
- Open Powerpoint and start presentation in ‘individual view’
- Start Firefox and remove all excess tabs
- Start Alienware mobile connect
- Turn on OBS and set up screens
- Turn OBS virtual cam
- Join Zoom meeting and test
- Close email and other conferencing tools
- If live streaming, set up YouTube stream
- Start OBS recording, live streaming