



University of
Massachusetts
Amherst

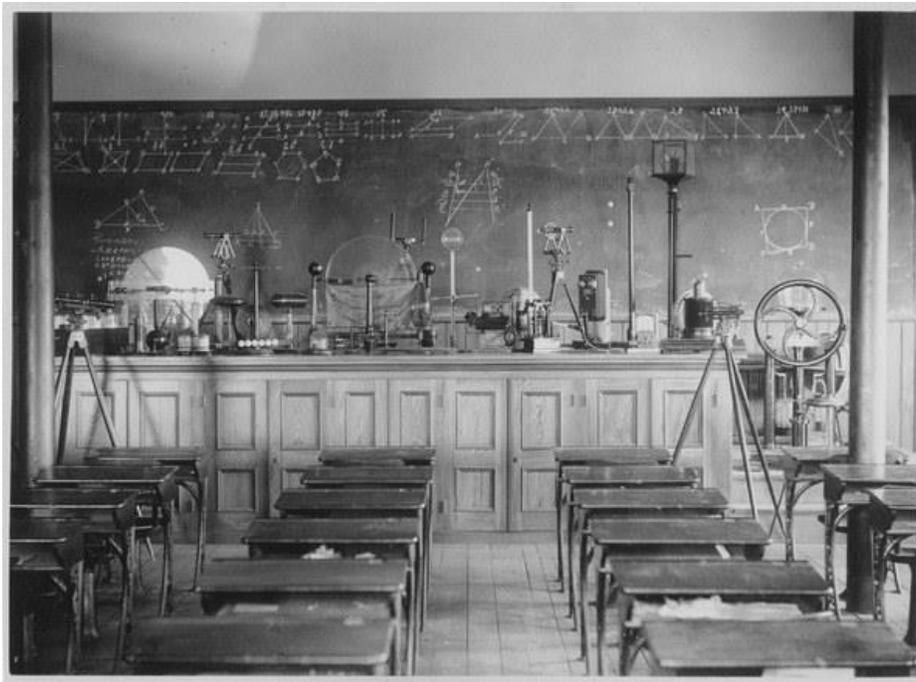
Creating, Using, and Remixing Online Learning Objects and Multimodal Lesson Plans for Asynchronous and Synchronous Learning

Item Type	presentation;event
Authors	Spitz, Blake
Download date	2025-07-04 02:34:11
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NELIG Fall Program October 30, 2020

Creating, Using, and Remixing Online Learning Objects & Multimodal Lesson Plans for Asynchronous and Synchronous Learning

University of Massachusetts Amherst

UMass Amherst Libraries

Special Collections & University Archives 

Teach & Learn

1 - UMass Amherst, SCUA, <http://scua.library.umass.edu/umarmot/teach-learn/>



2 - Blake Spitz, Archivist, bspitz@library.umass.edu

Story

In which an archivist confronts online teaching during a global pandemic...

Realizes **rebooting active learning based teaching** (without physical primary sources & special collections!) is a big, complicated journey...

Does lots of **learning, community engagement, and technology research** and trial-and-error (and good-is-good-enough)...

Speed-dates so much **different technology**...

And finds a **preferred set of tech** (Zoom, Adobe video editing, Padlet, MS Sway & Google Docs, Forms, & Slides) & **system for delivery & remixing/reuse** (HyperDocs for asynch & synch)

*Leaving the archivist immensely **grateful & indebted to others** who have shared their journeys, pushing her to share her own...*



3 - [Ralph A. Van Meter lecturing in a classroom, Nov 1946](#)

We all would like to avoid just Zoom lecturing...

And assuming that you can't hold class outside...



4 - [Farmers' Week, lecture in the field, 1922.](#)

What to do? **Embrace online teaching!** Make some stuff, don't worry (much) about mistakes, and just keep learning & trying!

Failure isn't fatal.

You will **level up in ideas, and in tech & design skills** along the way.



5 - [Danger sign on ruins, 1995](#)

Online Teaching? Here we go!



1. **Pedagogy** - approach to teaching

Impacted by who you are, context for learning, asynchronous/synchronous/blended

2. **Content/Curriculum**

Me: Archival literacy, primary source analysis (TPS), subject specific

3. **Technology**

- *Engagement* - learning objects - skills & outcome specific, learning styles (active learning, individualized, group)
- *Engagement* - learning spaces - self-contained, multimodal, share-able, multipurpose
- *Ease* - creating, using, sharing, duplicating/remixing

- *Accessibility** - both “traditional” accessibility concerns (universal design) & mobile users (responsive design)

*haven’t found a way around internet accessibility concerns...

The image shows a handwritten memorandum book titled "MEMORANDA—W. E. B. Du BOIS". The book is organized into columns for DAY, WEEK, MONTH, and YEAR. The entries are handwritten in ink and include various notes, dates, and names. For example, under the WEEK column, there are entries like "This Week 24-28", "Next Week 27-31", and "Work After Nov. 2-9". The MONTH column contains entries like "This Month 11-12", "Nov. 1920", and "Dec. 1920". The YEAR column contains entries like "1920" and "1921". The book is numbered "XIV" in the top right corner.

6 - Memoranda -- 1918-1920

Our story begins. Think back to March 2020...

2020 tech production needs - first for asynchronous

- **Resource storage & sharing**
 - Links to resources of all types
 - Sets of digital documents stored & accessed online
- **Videos and screencasts**
- **Online activities - learning objects and spaces**
 - Individuals: forms/surveys, reaction & reporting spaces for student searches & analysis
 - Groups: engagement, dialogue/interaction, reaction, and reporting spaces for collaborative work

And, a focus of this presentation -

- **Resource documents/lesson plans combining multiple activities and learning objects**

Time for that technology research, speed-dating, and learning part of the story...

What have you cycled to more comfort with?

Embed://<iframe src="https://docs.google.com/presentation/d/e/2PACX-1vQVn4ACTXiDO-LCov1CYcTbBdJK1CY4GnVdDp863VImQO1EpiSykbzz_yLBFr9GypB6Khh_jAbDknBF/embed?start=false&loop=false&delayms=60000" frameborder="0" width="960" height="569" allowfullscreen="true" mozallowfullscreen="true" webkitallowfullscreen="true"></iframe>

Three examples:

1. Text-based learning object

Presentation slide or document - student self-learning

2. Questionnaire learning object

Google Form - student reporting/note-taking

3. Collaborative learning space

Padlet - group/class engagement & reporting/note-taking

Foreshadowing: These were designed for asynchronous learning.

- How might they be remixed for synchronous learning?
- For outreach?

Collection: *Roxbury Action Program Collection* - <http://findingaids.library.umass.edu/ead/mums765>

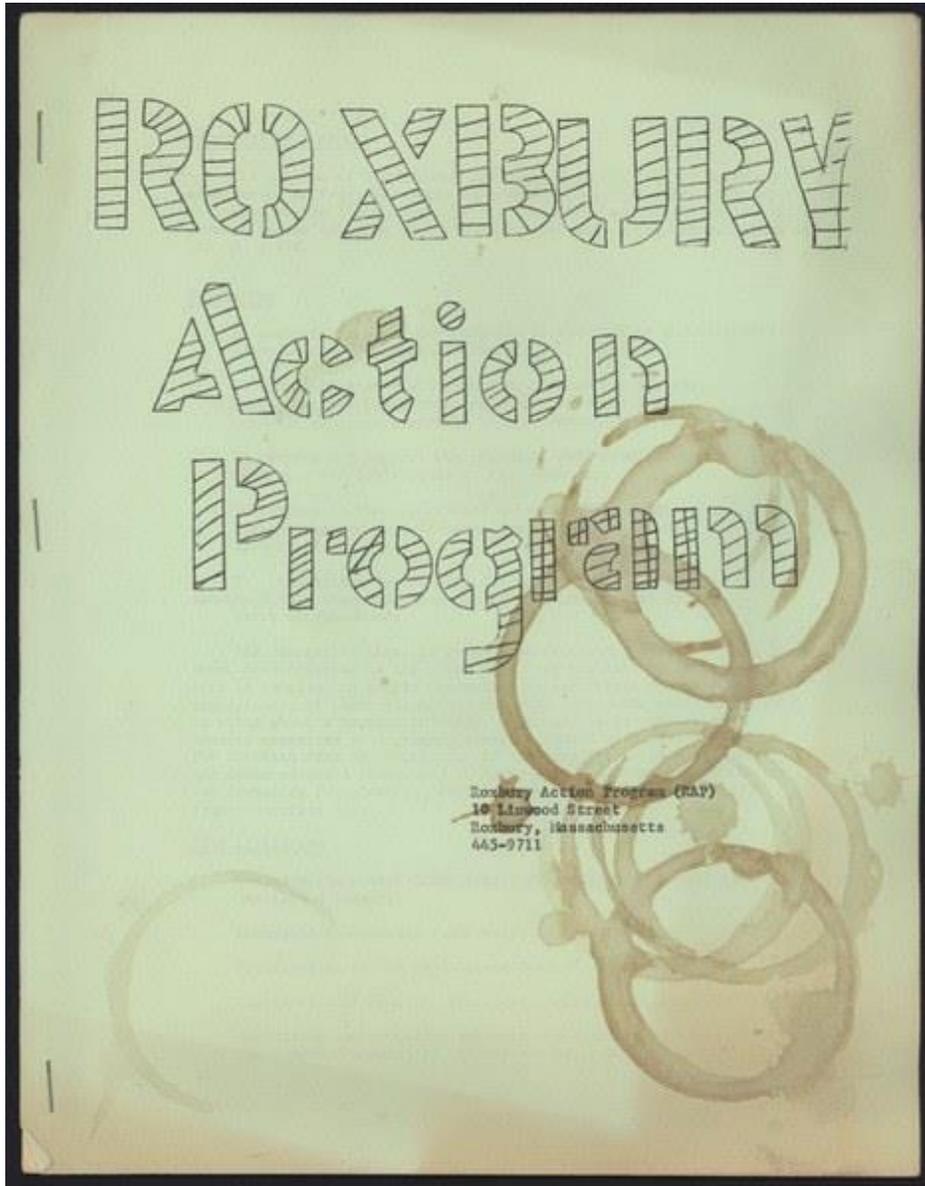
Get a sense of this collection - **read** just abstract (no notes, or inventory to start) & subject terms.

Activity - using a finding aid for research

- Look through the inventory with this specific research question: *What were some of the tactics and concerns of Black community organizers in Boston during the long -60s?*

What folders help you study Black community organizing in Boston? (click box for some answers)

Box:Folder - 1:6, 1:15, 1:19-1:21, 1:27-28, 2:24-2:27



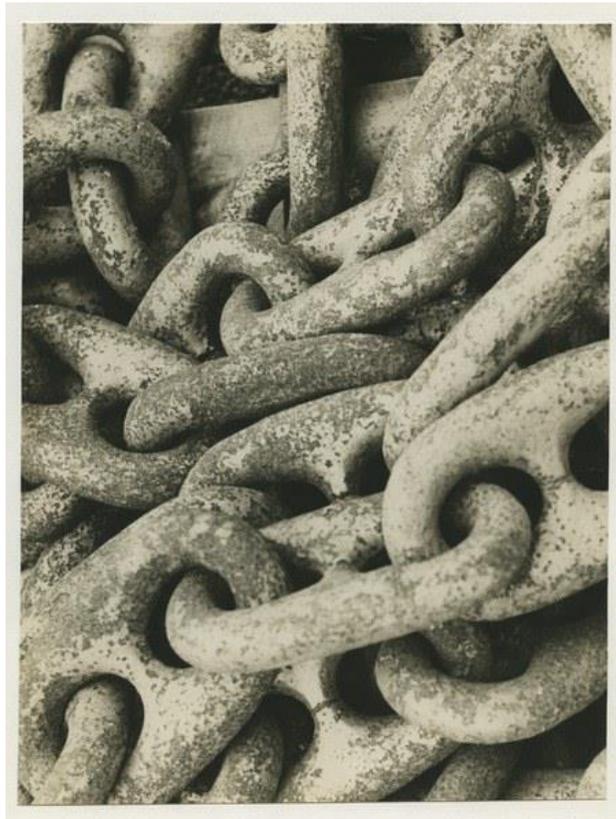
[7 - RAP program, ca. 1969](#)

Embed://<iframe src="https://docs.google.com/forms/d/e/1FAIpQLSciO2-jHOodl6NDXufI3Ci3Z2aDKPA839syh_HBL0xF8S7tew/viewform?embedded=true" width="640" height="1309" frameborder="0" marginheight="0" marginwidth="0">Loading...</iframe>

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style="padding:8px;text-align:right;margin:0;"><a href="https://padlet.com?ref=embed"
style="padding:0;margin:0;border:none;display:block;line-height:1;height:16px" target="_blank"></a></div></div>
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Hyper(linked)Docs



A **HyperDoc** is a digital document where all components of a lesson or set of lessons are presented together. **Within a single document, students get hyperlinks to all of the resources they need *and also interact with resources and collaborate with others.*** HyperDocs replace separate lectures, activities, and worksheets.

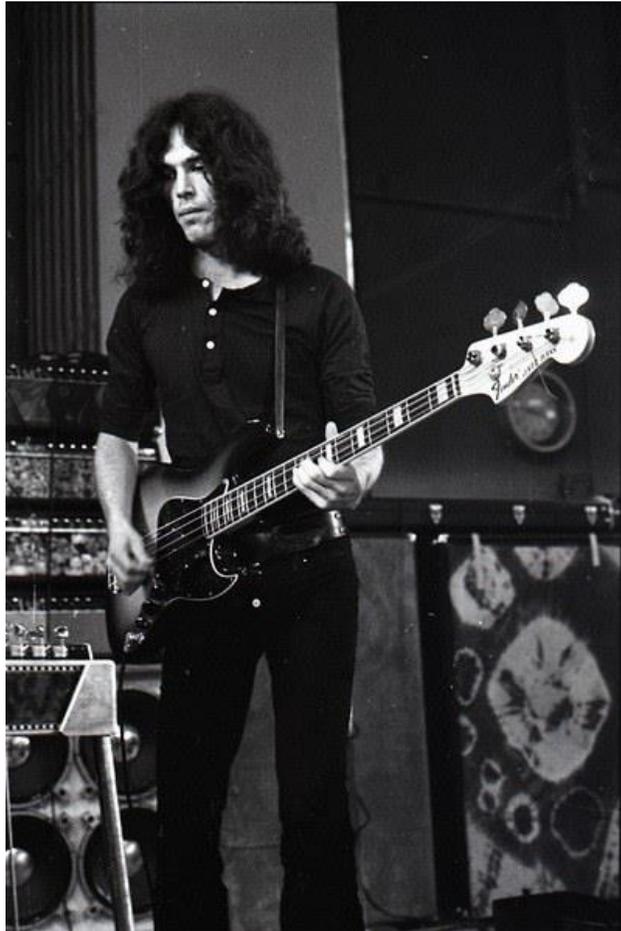
<http://twitter.com/statuses/875034630805753856>

<http://twitter.com/statuses/1289648886961717248>

HyperDocs enable the type of teaching mentioned in this presentation's title, plus more:
(A)synchronous, Interactive, Accessible, Remixed, and Multimodal!

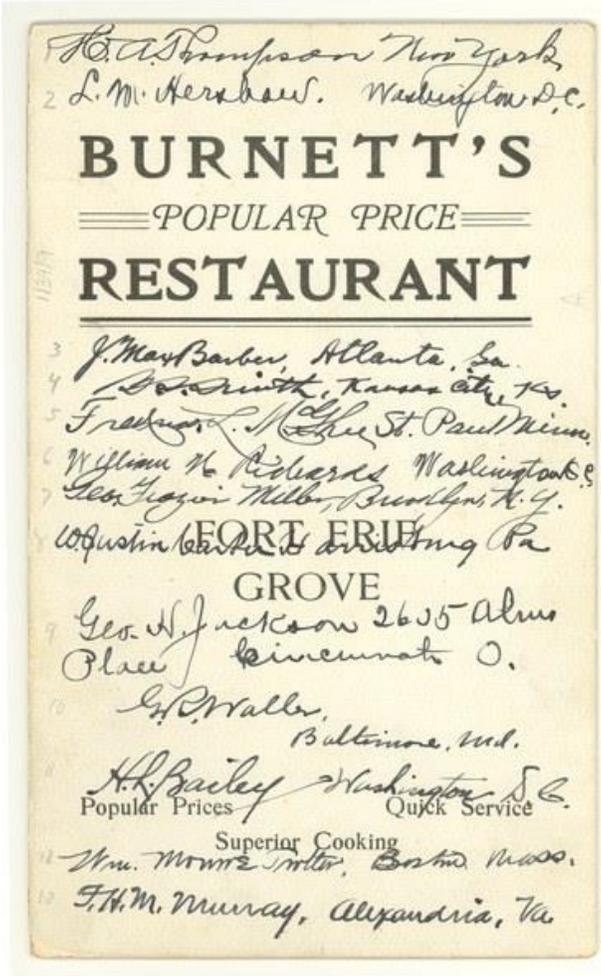
Types of HyperDocs - how could you use each in your instruction?

Playlist - list of activities, either directing students to complete them all in a specific order, or an order of their choice



8 - [Dave Torbert playing bass, November 21, 1970. New Riders of the Purple Sage opening for the Grateful Dead at Sargent Gym, Boston University.](#)

Menu - groups of activities, directing students to make choices selecting which parts/activities to complete



9 - [Burnett's Popular Price Restaurant, ca. 1905, with signatures of 28 attendees of Niagara Movement.](#)

Archival class visit... via HyperDoc



University of Massachusetts Amherst

Commonwealth Honors College

Admissions & Aid Curriculum Advising Experience News Alumni 

Ideas That Change the World

HONORS 201H

Summer 2020 pilot case:

- Summer 2020 online section of a course, [201H](#),
- we collaborate with heavily (~10-20 sessions per semester);
- asked professor to pilot a fully online “class visit” with us;

- asynchronous set up was requested...

Embed://<iframe src="https://docs.google.com/document/d/e/2PACX-1vSYEJIYn9DEsBF_TDyZ7Ooi2gz7ucmYspDGy3Hsky5xnWLRbCHxfgaRufva33BXjUzRJU9dnweDX5iw/pub?embedded=true"></iframe>



10 - [Actor from Star of Ethiopia pageant, ca. 1915](#)

Embed://<iframe src="https://docs.google.com/document/d/e/2PACX-1vR9_sRGN__gsMOw0e8UpgclzvHqM8IB3lr8qrtjF3Rws9TolbBatQzDd5gMuWlni2b3a7mSpvQSL2ci/pub?embedded=true"></iframe>

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3 versions - Hyperdoc asynchronous class:

1. Most graphic, responsive, and mobile friendly format - **Microsoft Sway**: <https://tinyurl.com/nelig-spitz-sway>

- a. also available via Sway's Accessibility View
- b. also available to print PDF version from Sway

2. More accessible, text only format - **Google Document**: <https://tinyurl.com/nelig-spitz-gdoc>

3. Attachable (non-link-based) format (internet still required) - **PDF of GoogleDoc**: <https://tinyurl.com/nelig-spitz-pdf>

*(There is actually an [older version](#), made via **Adobe Spark**, which I learned first as an intro to responsive hyperdocs, and then switched to MS Sway for improved accessibility and features.) [More on embedding in Sway.](#)*

From Asynchronous to Synchronous (and more!)



Same class... now synchronous. Remix & reuse!

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popups allow-same-origin allow-scripts" scrolling="no" style="border: none; max-width: 100%; max-
height: 100vh" allowfullscreen mozallowfullscreen msallowfullscreen webkitallowfullscreen></iframe>
```

Let's experience how this works live.

Follow along on your own screen or mine, answer in GoogleDoc OR in chat (public or private).

Activity 1 (for now): Primary source analysis -

<https://docs.google.com/document/d/1L2zqkPtRlaWIdnLP0-2WHRymYqfAkow90qxrRkPcXo0/edit?usp=sharing>

Activity 2 (for later): Asynch tech brainstorm -

https://padlet.com/bspitz1/neliq2020fall_techlist

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l7N7jMfoafMBsI9FJHdaYSJ3tRFEq0TOJ87vJQLn2ydcY4u4T--n6/pub?embedded=true"></iframe>
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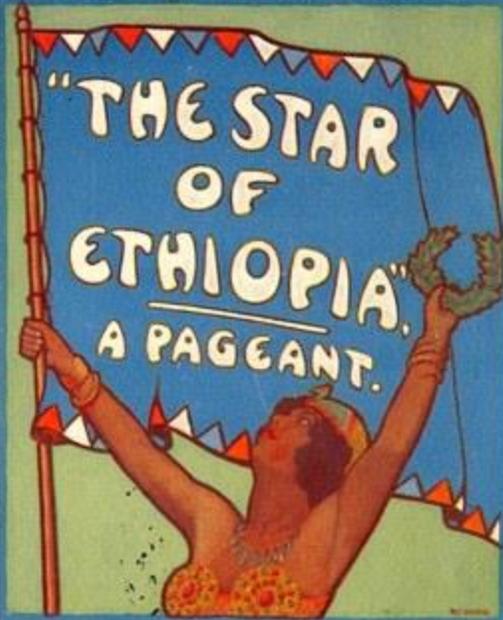
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style="padding:0;margin:0;border:none;display:block;line-height:1;height:16px" target="_blank"></a></div></div>
```

Why so many versions?



Versions (and attempts) for you!

- **Increase tech skills** as you make new/better versions of content
- **Increase design and pedagogical knowledge** as you discover new ideas and versions
- **Remix & reuse for teaching** - between asynchronous, synchronous, and blended learning environments
- **Remix & reuse for other purposes**
 - outreach material demonstrating content & services
 - pathways to new teaching & instruction outside your institution
 - community workshops
 - public educational or engagement materials



Presented by the Horizon Guild and the National Pageant and Dramatic Association

**At the American League
Ball Park
WASHINGTON, D. C.**

**Monday, Wednesday & Friday
October 11, 13 & 15, 1915
at 8 P. M.**

Admission, 25c. Reserved Seats, 35c. & 50c.

*To Commemorate the
Thirteenth Amendment*

11 - [Star of Ethiopia Padlet](#)





Dr. DuBois, world famous Negro Scholar, leader in the fight for peace and freedom.

Is It A Crime to Talk About Peace?

Five Americans may go to jail for five years because they talked about peace. They are:

Dr. W. E. B. DuBois
Kyrle Elkin
Elizabeth Moos
Abbott Simon
Sylvia Soloff

Dr. W. E. B. DuBois, 83 year old author, and co-founder of the N.A.A.C.P. Mrs. Elizabeth Moos, educator and grandmother; Kyrle Elkin, businessman, young father of two; Abbott Simon, war veteran, a leader in the peace struggle; Sylvia Soloff, whose only "crime" was that she was an office worker in the Peace Center office.

URGENT!
SEND FUNDS FOR DEFENSE TO:
SHIRLEY GRAHAM, TREASURER

Do You Have a Right to Know About Peace?

Maybe you've got a boy in Korea, or about to go? You've got a son of sixteen, seventeen. You read every day that the fighting may spread to China and Europe into Atomic world war that would kill millions—men, women, children.

Do You Have a Right to Know About Peace?

Prices leap higher—wages are frozen, profits are the highest in history, taxes are mounting. The war makers are taking your money as well as your sons.

Why They Attack the Peace Information Center

The Peace Information Center told the truth about peace. They told the American people that the overwhelming majority of their fellow-Americans, Negro and white, Catholic, Jew or Protestant, farmer, factory worker, student, professional, **DO NOT WANT WAR.**

They told the American people how hundreds of millions of people everywhere in the world are working for peace because they **DO NOT WANT WAR.** They told the American people about the World Appeal for Peace and the outlawing of the A-bomb.

Was this the work of "foreign agents"? Must Americans import their consciences and their hatred of war?

Your Life Is at Stake

To defend them is to defend our peace, our rights, yes, the very lives of our children. If they go to jail, your turn will come if you open your mouth for peace and speak out for the lives of your sons.

Speak out now . . . protest . . . write or wire to J. Howard McGrath, U.S. Attorney General, Washington, D. C., demanding that the case against the members of the former Peace Information Center be dropped.

The National Committee for the Defense of Dr. W. E. B. DuBois and Associates of the Peace Information Center, 16-18 West 29th Street, New York, N. Y.

13 - [Du Bois in the 1950s Padlet](#)



14 - [Vietnam War protests - M14 Padlet](#)



15 - Black student protest @ UMass Padlet

Versions for users!

- Options for **increased accessibility**
- Content for **different learning styles**, types, and engagement
- **Asynchronously accessible & useable content during synchronous settings**
 - different participation levels synchronously
 - missing folks during synchronous session
 - return or differently paced learners

- resource sharing, documentation, and citation
-

Great library example:

<https://umass-gis.github.io/workshops/content/basics-ggis/>

The end...



2020 outreach for online instruction

Instructional offerings: synchronous, asynchronous, or blended:

- Zoom meeting - active learning focused class visit
- One-on-one or small group consultations in Zoom

- Video features on specific materials or collections
- Videos or multi-media skill focused tutorials
- Curated primary source sets on course topic(s)
- Interactive modules, assignments, or quizzes

- Lesson plans for an entire class, week, or part of a syllabus
- Resource documents combining above - *always provided*

No need for LMS access or students to sign into anything new.

Thank you!



16 - [NELIG](#)



17 - [UMass Amherst Teaching & Learning COP](#)



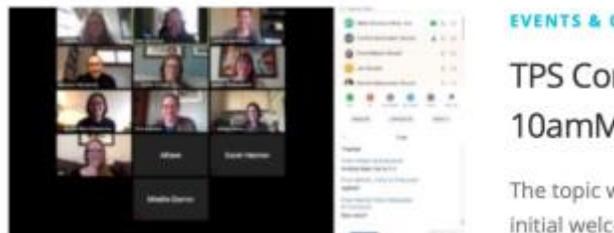
Reference, Access and Outreach Section

18 - [SAA RAO Section](#)



19 - [NEA TPS Roundtable](#)

CATEGORY: COMMUNITY CALLS



20 - [RBMS TPS Collective](#)



21 - [LOC TPS Teachers Network](#)

Thank you also, to the best places I've lurked:

-
- [Torrey Trust, Associate Prof of Learning Technology](#)
 - [Jennifer Gonzalez, Cult of Pedagogy](#)
 - [Richard Byrne, Free Technology for Teachers](#)
-



22 - [Remember and Thankful Jones, 1978](#)

Notes:

All images and screenshots in this document are linked to their sources and given an alt-text description within Microsoft Sway.

Check out accessibility view under viewing options!

Please get in touch with any questions or comments: bspitz@library.umass.edu

And, of course, (and for Rob,) cats!



23 - Taboo



24 - Pistachio



25 - Chaos