# Hypothesis multimedia features: Incorporating UDL into your course

Hypothesis Workshop







### Agenda

- 1. Discuss: What is social annotation? What is UDL?
- 2. Review how social annotation can help meet the principles of UDL
- 3. Assignment examples
- 4. Demo
- 5. Discussion/Q&A





#### Introductions

Name, Discipline, Experience with Hypothesis



hypothes.is



## Your Hypothesis Team

#### **Christie DeCarolis**

Customer Success Manager

& Instructional Designer



# Hypothesis in Teaching & Learning









# What does it look like to annotate with Hypothesis?



#### Hypothesis makes reading



#### **Active**

"I want students to learn the profits and pleasures of careful, engaged reading... Hypothesis finally delivers on the promise of digital annotation."

Lawrence Hanley, Professor, Department of English, San Francisco State University



#### Visible

"Their annotations give me a window to their thoughts and understandings that I couldn't access otherwise... I wouldn't get this depth of interaction in a threaded discussion."

Linda Parsons, Associate Professor, The Ohio State University



#### Social

"Hypothesis is my literary
Facebook. When I'm reading I
sometimes wonder, does
anyone actually understand
this? Am I crazy? With this
brilliant tool I know I'm not
alone."

Shannon Griffiths, Student, Plymouth State University

# Hypothesis in the Classroom





COCKER CONTROL SALL WE CHANTER! ESTENSIBLES DUST 1000 DOSTULOS ON THE CORES

#### NIV 112 Focused Inquiry II: Fall 2016

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DEFERENT THAN CLASS COCATION lo not use except in an emergency that affects BOTH of us-for instance, to get in

going to have a to miss a meeting that requires me to drive into campus from my d): 804-387-3981 TON BULLMOUN AREA CON THE ME 1, 2-3 W, 12-12:30 TR, and by appointment AT 5105 HAZA IT HACE

WHITT WILL BE ACCOMPLISHED DURING THIS SEMPCTER

PRESECULATE UNUIN, SHISFIED BY AVERBOIT . "FI" of a two-semester course sequence (UNIV 112) (Focused Inquiry II) will help you to g skills while continuing work on your critical thinking, ethical reasoning, was a few man

ommunication, and information fluency skills (UNIV 112)s designed to provide you timedal analysis, textual analysis and synthesis, and argumentative writing supported.

This practice will prepare you for the types of writing you will encounter and be throughout your university career (and perhaps even beyond). Like UNIV 11, UNIV on of the "spiral curriculum", in that you build your skills by repeating key concepts.

inking: continue to apply citical thinking to texts and ideas, with a specific focus on and creating academic arguments that make sound claims and support conclusions oriate evidence statement and informal pieces of writing in a variety of genres to

itimodal, analytical, and ethical reasoning argument ] as a social socia

activities; Gractice peer response to writing assignments Carriage AND ARIVITY

munication: continue to build communication skills through active participation in sistons and formal presentations of the state of the

d Civic Responsibility: consider multiple ethical points of view; apply methods of

oning to texts and arguments where he are connected by the connected by th

vill continue to develop your ability to interpret, analyze, evaluate, and infer based on

a. The course will emphasize writing, revising, and proofreading. By the end of the star foundation are work that reflects your ability to appropriately frame writing according to both that reflects your ability to appropriately frame writing according to both the work specifically, you will be equipped to narrow your topics to an academic according to both the least star of the work of

arly evidence which contends with counter-arguments, shape your ideas for an correct mechanical problems in your writing, and cite sources appropriately.

PERSONNG-WHY?

THEORETICALLY P? 4000? d up into three theoretically and thematically connected units. These units are:

DINIDED IN TIME WHITE OR Culture/Text Settions er subjects; FUNDANCHING OF ANALYZING . LA DETESTANDANCO WOIZIGS BUILT UP TO gument &



### Start by annotating the syllabus.

Set expectations.

Provide space for questions.

Practice annotating.







# Annotate lectures or additional course videos.

Connect video to text.

Provide another means of representation.

Add interaction to video.





# Open the reading for a seminar-style discussion online.

Create discussion threads.
Anchor the conversation in text.

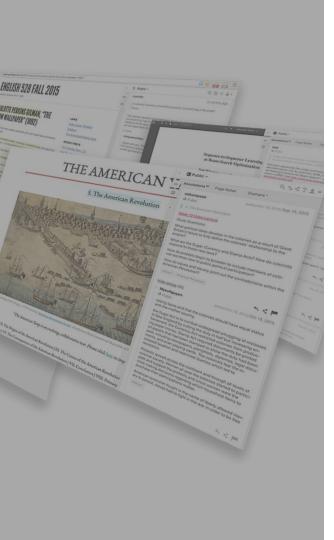




# Have students annotate your course documents.

Provide space for questions. Clarify course concepts.





# Hypothesis Starter Assignments

Assignment instructions that are ready to use or adapt in your courses

- Annotation starter assignments
  - Some examples:
    - General annotation assignment
    - YouTube video annotation starter assignment
    - Annotation assignment for STEM texts







## How can Hypothesis help?



Provide multiple means of **Engagement** 

Affective Networks
The "WHY" of learning



### Offer multiple types of opportunities to engage in the course.

What will motivate and engage my students?

#### Goals:

- Create value and authenticity
- Vary demands to optimize challenge
- Foster community
- Develop self-assessment and reflection

#### Hypothesis offers...

- An alternative way to engage
- A method of community-building
- An explicit time for students to practice metacognition
- A formative assessment strategy
- An opportunity for students to to see themselves as knowledge creators



# Social annotation to support neurodivergent learners

- Offers instructors a method for incorporating UDL into their courses
- Hypothesis' features allow students to choose when and how to engage in a way that best works for them

#### **Examples of controlling distractions:**

Hide/reveal highlights with the eye icon:

Choose when to load new annotations:







Provide multiple means of **Representation** →

Recognition Networks
The "WHAT" of learning



### Offer different types of course materials for your students to consume.

How will my students best learn a concept or topic?

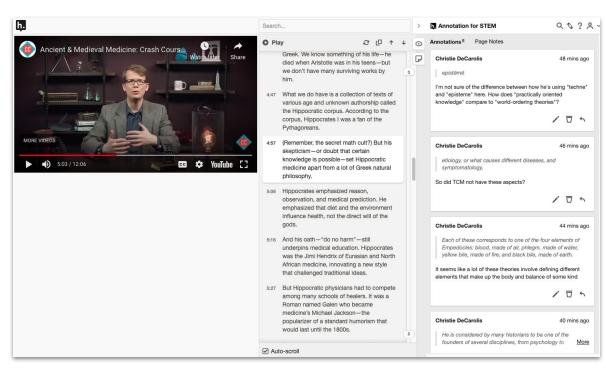
#### Goals:

- Clarify jargon and syntax
- Offer alternatives to text (audio, images, video)
- Offer alternatives to visual information (text, audio)
- Highlight patterns

#### Hypothesis offers...

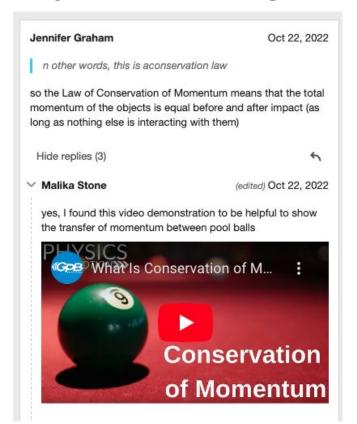
- Multimedia options in both what you annotate and how you annotate
- Clarification of vocabulary and concepts anchored within the text
- A way to guide the students through readings, highlighting key concepts and patterns

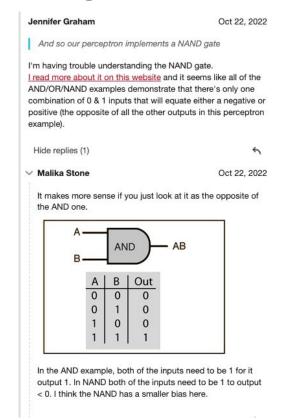
# Bring in multiple means of representation with our YouTube and JSTOR integrations



- YouTube instructions
- JSTOR instructions

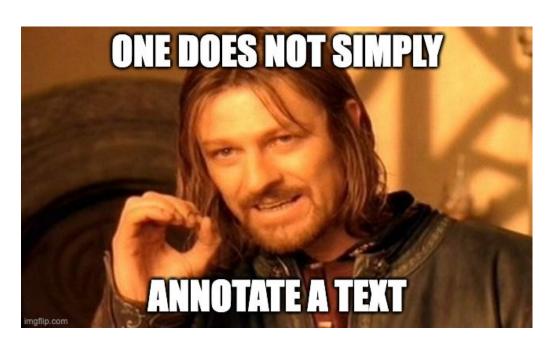
#### ... and by annotating with images and video





Help docs on <u>adding links/images</u> and <u>adding videos</u> to annotations

#### Get creative with multimedia annotations



Use the emoji keyboard to add emoji to annotations



Ask students to create memes and add them to annotations

Provide multiple means of

Action & Expression

Strategic Networks
The "HOW" of learning



### Offer varying types of assignments through which learners will be assessed.

How can my students best express what they know?

#### Goals:

- Provide scaffolding to support performance
- Use multiple tools for construction & composition
- Facilitate managing information & resources

#### Hypothesis offers...

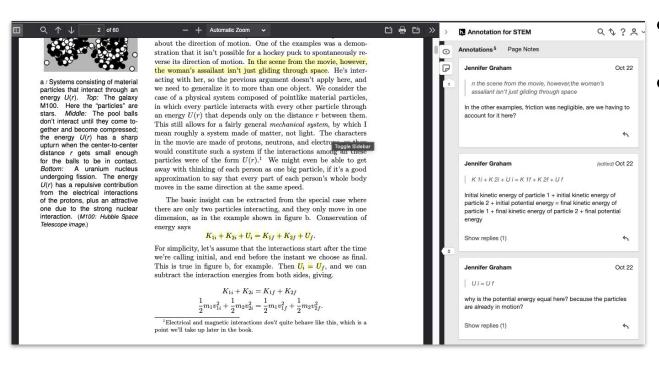
- A way to scaffold learning and emphasize process over product
- A strategy for students to manage information in preparation for summative assessments
- A safe space for students to make mistakes in learning

# Hypothesis in Canvas





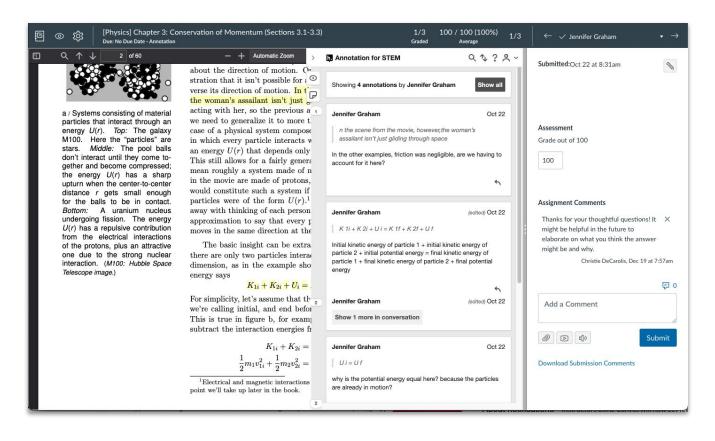
# Make your course documents annotatable



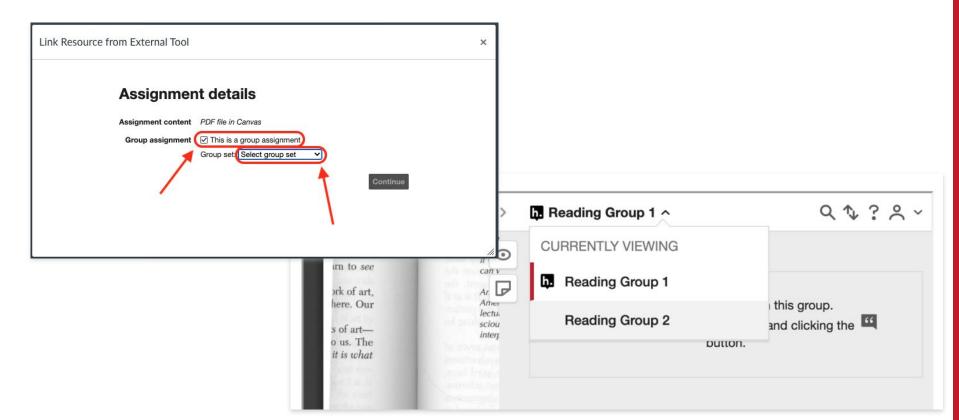
- Students signed in automatically
- Private groups created for courses



#### Grade annotation "sets" in SpeedGrader



## Use Canvas Group Sets for small group work



Getting started with Hypothesis social annotation





What can you annotate?



BLUEST
EYE

A NOVEL

Toni Morrison

Search...



#### Open textbooks & OER

201

to Psychology







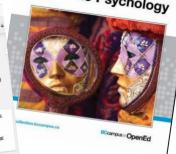
O Play

Greek. We know something of his life—he
died when Arisactice was in his teers—but
we don't have many surnying works by
him.

4.47 What we do have is a collection of texts of
various age and unknown authorship called
the Hippocratic corpus. According to the
corpus, Hippocrates I was a fan of the
Pythagoreans.

4.57 (Remember, the secret math cult?) But his
skepticism—or doubt that certain
knowledge is possible—set Hippocratic
medicine apart from a lot of Greek natural
nitiosophy.

5:06 Hippocrates emphasized reason, observation, and medical prediction. He emphasized that diet and the environment emphasized that diet and the direct will of the direct will of the



JSTOR & VS articles/e-texts

YouTube video transcripts

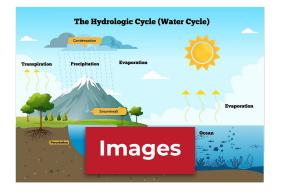


#### What can you put in an annotation?

Lorem ipsum dolor sit amet, consecelit, piscing usmod tempor incididunt ut labore et dolore magna aliqua.

https:// Links

Tags #thesis





The danger of a single story

Videos

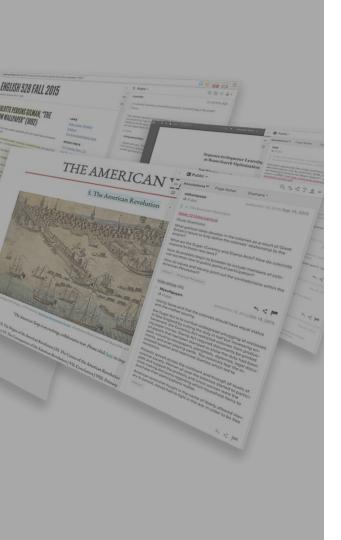
YouTube Vimeo

$$\int_{a}^{b} f'(x) dx = f(b) - f(a)$$

$$\frac{d}{dx} \int_{a}^{\text{Equations}} (x) dx = f(b) - f(a)$$







## PDFs must have a selectable text layer

The Process Approach to Writing Instruction

Examining Its Effectiveness

Ruie J. Pritchard and Ronald L. Honeycutt

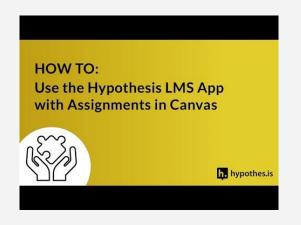
Our goal in this chapter is to review theory and research on the writing process, as well as research concerning the influence of the National Writing Project (NWP) in training teachers and in advancing the pedagogical principles associated with the writing pro-

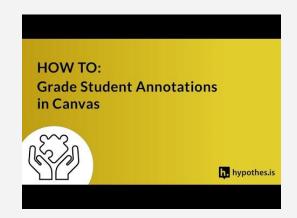
correlational, and case study. For the most part, our sources are research articles published in professional journals; however, our review of the literature also extends to dissertations and research published in edited books. We have sought to include an infor-

If you can't select text, copy, and paste, you can't annotate (<u>more on PDF text layers</u>)



#### **Hypothesis in Canvas Resources**





- How to set up Hypothesis readings through Canvas Modules
- How to set up Hypothesis readings through Canvas Assignments
- How to annotate YouTube videos with Hypothesis in Canvas
- How to grade Hypothesis annotations in Canvas
- Using Group Sets with Hypothesis in Canvas
- A student guide to Hypothesis in Canvas





# Hypothesis Teaching and Learning Resources

General Hypothesis resources useful to teacher and students:

- Annotation tips for students
- An Illustrated Guide to Annotation
   Types
- Adding Images, Videos, and Links to your Annotations
- Examples of classroom use

More <u>here</u>.

# Hypothesis Partnership Program







#### **Pedagogical support**

#### **Custom training and instructional design**

- 1:1 instructional design consultations
- Webinars

#### More partner resources

- Check out our faculty panel discussions, <u>Liquid Margins</u>, for inspiration
- Find assignment ideas in <u>Resources for Social Annotation</u>
- Join the <u>Hypothesis Educator Forum</u>
- Technical support from support@hypothes.is



#### **Hypothesis Academy**

- Earn a Hypothesis Certified Educator
   Credential
- Hypothesis Academy are two-week asynchronous courses designed to teach you not only how to use the Hypothesis tool, but how to design social annotation assignments to best support your students' learning.
  - Social Annotation 101
  - Social Annotation in the Age of Al
- Learn more and register for the next cohort

#### Register for our Partner Workshops

Activating Annotation in your LMS

Creative ways to use social annotation

Using multimedia and tags in annotation

Show-and-tell participatory workshop

Annotate your syllabus

Using Hypothesis with small groups Grading and feedback for social annotation

Annotating in STEM subjects

Hypothesis
Customer
Success Team
cdecarolis@hypothes.is





#### **Workshop Evaluations**



https://tinyurl.com/mwetcy54