DEEP DIVING WITH DIGITAL NATIVES

Online Content Analysis through Peer Learning
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LT@UC 2017
“Ironically, many students learned so little because they spent most of their time reading the articles on each organization’s site. But masking true intentions and ownership on the web has grown so sophisticated that to rely on the same set of skills one uses for print reading is naive. Parsing digital information before one knows if a site can be trusted is a colossal waste of time and energy.”
**Skills (practical)**

- Comfort beyond Google
  - different tools [why?]
- Search terms (map, video)
- Find evidence from experts
  - scholarly v. others

**Activities**

- Concept map
  - Physical
  - Preliminary searching
  - Build on knowledge
- Choose your own adventure
  - how? experts
  - Search terms
  - time: < 7 min.
- User testing [spring/summer]
- Search Activity
  - evidence: bring in
  - email URL
  - Group analysis
  - Article per group
  - Connection to class
  - Search terms
NEW CURRICULUM REQUIREMENTS

- **Flipped Instruction**
  - Online tutorials; pre-work survey

- **Active Learning**
  - Source analysis

- **Brief Lecture**
  - Research process

- **Directed Practice**
  - Searching library database

- **Library Research Guide**
FLIPPED INSTRUCTION

Research Introduction  Source Analysis

Research Adventure

Source Analysis Checklist
- Publication
- Timeliness
- Author
- Supporting evidence
Briefly tell us about the library research session.

* 2. What is your research idea?

* 3. Has your research topic changed during the library session?
   
   - [ ] Yes
   - [ ] No

   Comment: provide a brief explanation of your choice.

* 4. Copy and paste the web address of one source that you have found that relates to your research topic.

* 5. How did you find your source and/or what search tool did you use?
Source Analysis Activity

- Who is the author?
- Who is the sponsor/publisher of this site?
- Who is the intended audience?
- What is the author's viewpoint in the content?
- What is the purpose of this text?
- What are some of the presentation features - e.g. visual, layout - of the content?
Sexist School Dress Codes Are A Problem, And Oregon May Have The Answer

A school in Illinois is showing the potential of Oregon's gender-neutral dress code model.

By Emily McCombs
Comparing Private Schools and Public Schools Using Hierarchical Linear Modeling

July 2006

Authors: Henry Braun, Frank Jenkins, and Wendy Grigg

Download the complete report in a PDF file for viewing and printing. (885K PDF)

Executive Summary

Results from Grade 4
Results from Grade 8
Comparison of Results for Grade 4 and Grade 8
Cautions in Interpretation
Summary

The goal of the study was to examine differences in mean National Assessment of Educational Progress (NAEP) reading and mathematics scores between public and private schools when selected characteristics of students and/or schools were taken into account. Among the student characteristics considered were gender, race/ethnicity,
About: “Founded on July 12, 2004, our innovative educational website has become the country’s leading source for nonpartisan information and civic education.”

Wikipedia: The content of ProCon.org is produced by five staff researchers, and its stated mission is “Promoting critical thinking, education, and informed citizenship.”

American Library Association voted ProCon.org as one of the "Top 25 Free Reference Websites of 2011.”
Designer Babies

#5 Cute Babies Our New Masters

You might be thinking that if I am frightened by an adorable little baby, what am I not afraid of? But with designer babies, human cloning and artificial wombs popping out in the not too distant future, my concerns may be valid.

There's a baby fat chance that my future child, bootstrapped with my brain and her mother's looks, could compete with a super-smart, super-model kid.

I believe we are headed for trouble with reproductive technologies, because like most parents, there is little I would not do to help my children achieve their max potential.

And if these babies are as smart as they predict, they will still have us changing their diapers.

Image from Five Scariest Future Technologies

What Are Designer Babies?

The colloquial term 'designer baby' refers to a baby whose genetic makeup has been artificially selected by genetic engineering combined with in vitro fertilization to ensure the presence or absence of particular genes or characteristics, [wikipedia](#).

In simpler terms, using biotechnology to choose what type of baby you want. Latest research is making designer babies a reality now, using technology developed originally for use in animals.
'Designer babies' debate should start, scientists say - BBC News
Jan 19, 2015 - Rapid progress in genetics is making "designer babies" more likely and society needs to be prepared, leading scientists have told the BBC.

CRISPR'd human embryos doesn't mean designer babies are around ...
Jul 28, 2017 - Critics have warned CRISPR could be used to create designer babies. Picture some dystopian future where the rich can pay for all genetic...

Engineering the Perfect Baby - MIT Technology Review
https://www.technologyreview.com/s/633661/engineering-the-perfect-baby/
Mar 5, 2016 - The fear is that germ-line engineering is a path toward a dystopia of superpeople and designer babies for those who can afford it. Want a child...

We're Already Designing Babies - The Atlantic
https://www.theatlantic.com/health/archive/2014/07/we-re-already-designing-babies/373896/
We're Already Designing Babies. Even today, parents are selecting for the traits they want in their offspring. But how far should the genetic...

We Are This Close to "Designer Babies" – Mother Jones
www.motherjones.com/politics/2016/02/gene-embryo-clip-designer-babies/
We Are This Close to "Designer Babies". One CRISPR skeptic sheds light on what human gene editing could mean for the future.

Designer Babies Could Change the Process of Human Reproduction ...
https://www.wired.com/2015/09/youre-only-human-but-your-kids-could-be-so-much-more/
What you need to know about designer babies, how they are engineered, the ethical dilemmas of gene editing, and more.

Ethical concerns over dawn of the designer baby ... - Daily Mail
www.dailymail.co.uk/news/article-475534/Ethical-concerns-dawn-designer-baby.html
Aug 2, 2017 - Scientists say that designer babies are a step closer following the breakthrough. But the researchers have edited only a single gene so far, ...

Designer Babies
www.aspenideas.org/DesignerBabies
Watch an expert panel discuss checking embryos for diseases.
Deep Discussions - Inspire Thought to Action
Recent Videos - Explore Past Sessions - Download Podcasts
The Kardashians' Origin Story Is Not What You Thought

ELIZABETH KIEFER
FEBRUARY 2, 2016, 4:00 PM

These days, it’s hard not to keep up with the Kardashians. They’re everywhere. In fact, they’ve been so omnipresent in the public eye for such a long time now that it’s hard to remember why they’re a famous family in the first place.

Origin story alert: The Kardashian Klan didn’t just one day rise up out of obscurity and take over your newsfeed. Nor did they emerge from Paris Hilton’s closet, groomed to be her successors to the plastic L.A. throne. Their
Author: Elizabeth Kiefer
Publisher: Refinery29
Audience: Kardashian Fans
Viewpoint: Unprofessional & Judgemental
Purpose: Why they became such a huge trend in pop culture
Features: timeline, slideshow, videos, descriptions
Do Celebrity Endorsements Really Matter?

Celebrities of various levels of fame have come out hard for Hillary Clinton and Donald Trump, but whether or not they have helped or hurt is another matter. celebrity endorsement could be a powerful force in this election.

What Ted Nugent and Demi Lovato can do for Trump and Clinton

Celebrity involvement in presidential politics in 2016 has deviated from tradition in one big way.
Author: David Jackson
Professor of Political Science, BGSC
Publisher: The Daily Beast LLC

Audience: Individuals with strong political views, younger people, and those who are invested in comedy.

View: The author relays factual information but seeks to inform, but attempts to remain neutral in these instances. However, there seems to be a reference to a positive correlation in obtaining certain demographic votes based off celebrity endorsement.

Purpose: See above

Ads: Factual information

Video, paragraph heck pic.
TOP SITES

2. Huffington Post [20]
3. National Institutes of Health [18]
4. CNN [16]
5. USA Today [12]
5. The Atlantic [12]
7. Forbes [10]
8. Psychology Today [9]
BRIEF LECTURE

55-minute classes
- Library resources
- Off-campus access
- Database use

75-minute classes
- Keywords
- Open web searching
- Leveraging Wikipedia
- Library resources
- Off-campus access
- Database use
DIRECTED PRACTICE

- Free searching
- Librarian support
RESEARCH HACKS

Keywords to Research

- Keep a list of useful keywords.
- When you look for scholarly sources, use terms scholars use for your topic.
- Use only key terms, not full sentences.
- Put phrases in quotation marks to limit your results to those terms together.
- Note words found in relevant articles.

A Shortcut to Full-Text Reading

Search for terms in a full-text online source.

Ctrl + F

Strategic Wikipedia-ing

You can't cite Wikipedia articles, but you may be closer than you think to great sources. Just follow these steps:

1. Scroll to the bottom of the entry.
2. Find the "References."
3. Explore the links to online sources.
4. Check the library for access to articles.
5. Request books and articles not at UC.

Source Analysis Quick Checklist

- Source publication
- Date/timeliness
- Author biography
- Supporting evidence
- Intended audience
- Author's viewpoint

Narrow Your Results Fast!

Use limiters in databases and search tools to narrow results. These are usually on the left.

Limit To
- Full Text Online
- Peer-Review
- In Print

Content Type
- Academic Journal Article
- Magazine/Newspaper Article
- Book/eBook

Publication Date

1932 - 2018

Use Books Like a Pro

- Call numbers are a map to find them.
- They are surrounded by related items.
- The back index quickly shows if it is relevant to your research.
- Request books not found at UC.

University of Cincinnati Libraries
LIBRARY RESEARCH GUIDE

- Flipped content
- Post-class reference
- Instructor support
- Universal Design for Learning
FEEDBACK

- Syncs with course objectives
- More relevant than previous curriculum
- Students really engaged
- Fun flipped activities
TEACHING PRACTICE BENEFITS

- Classes are always fresh
- Balanced with structured lesson plan
- Feel more integrated with research topics
- Library guide use increased
- Inspires improvement in other areas
NEW CURRICULUM

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