Why Learn to Swim When You Have a Raft?

Motivating Students to Change Their Research Behaviors

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2019 LOEX Conference
What percentage of undergraduate students rely on Internet resources almost exclusively, despite having received library instruction?
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78-84%

Sources: Cmor, Chan, & Kong, 2010; Boger, Dybvik, Eng, & Norheim, 2015
Backward Design

1. Identify desired results
2. Determine acceptable evidence
3. Plan learning experiences and instruction

Source: Wiggins & McTighe, 2005
Rational Actor Paradigm
Assumptions...
Librarian Heuristics of Library Value
Expert Blind Spots
Hi, I'm the internet.

And I'm a library.

I'm super easy to use. Just fire up your favorite search engine!

I have lots of stuff search engines can't find.

You mean there's more than Google?

Well, for now, anyway.
1. First-year college students believe they are supposed to do their research without assistance.
2. First-year college students perceive the library as only a place to get books or to study.
3. First-year college students believe that all library sources and discovery tools are credible.
4. First-year college students believe that freely available Internet resources are sufficient for academic work.
5. First-year college students think Google is a sufficient search tool.

Source: Hinchcliffe, Rand, & Collier, 2018
Student Cognitive Development Theory

- Dualism
- Multiplicity
- Relativism

Source: Perry, 1981
Common Information Literacy Practices
Too often we leave out 'why' and 'why is it this way' in favor of 'how' and 'here's how to do it.' - Warren & Duckett (2010)
Skills Based Instruction
Skills Based Instruction

- Focus on academic, textual sources
- Focus on mechanics (often those specific to a vendor interface)
- Focus on access, not use

Sources: Buchanan & McDonough, 2017; Broussard, 2017
Student Motivation & Behavioral Change
ARCS Model

Source: Keller, 1987
How many times have we heard students ask, 'Why do I have to study this?' When a convincing answer is not forthcoming, there is a relevance problem. - Keller (1987)
Relevance

What you think is important

What interests them

What's relevant

Image Source: EBSCO, 2016
Engagement Questions

- Grab attention
- Highlight relevance
- Contextualize

Sources: Warren & Duckett, 2010; Jacobson & Xu, 2004; Perin, 2011
Prioritizing Learning Goals

Worth being familiar with

Important to know and do

Enduring Understanding

Source: Wiggins & McTighe, 2005
What % of the Internet are you searching when you search Google?
Surface Web

Deep Web

Academic databases
Medical records
Financial records
Legal documents
Some scientific reports
Some government reports
Subscription-only information
Some organization-specific repositories

96% of content on the Web (estimated)

Source: Zhao, Zhou, Nie, Huang, & Jin, 2016
Image Source: Association of Internet Research Specialists, 2019
major works

Studies that respond to or build on the major works

How does this image relate to your literature review?
When would you want to use popular magazine & newspaper articles in your research?
Timeliness & Immediacy

Breadth & Depth

Online
Newspapers
Magazines
Scholarly Journals
Books
How do we know how many immigrants come into the U.S.?
How much does Journal X cost?
People don't buy WHAT you do, they buy WHY you do it. - Sinek (2011)
Thanks!

Any questions?

You can reach us at:
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Recommended Reading

START WITH WHY
How Great Leaders Inspire Everyone to Take Action
SIMON SINEK
New York Times bestselling author of Leaders Eat Last and Together Is Better

Motivating Students on a Time Budget
Pedagogical Frames and Lesson Plans for In-Person and Online Information Literacy Instruction
edited by Sarah Steiner and Miriam Rigby
Sources


