

Why Learn to Swim When You Have a Raft?



Motivating Students to Change Their Research Behaviors

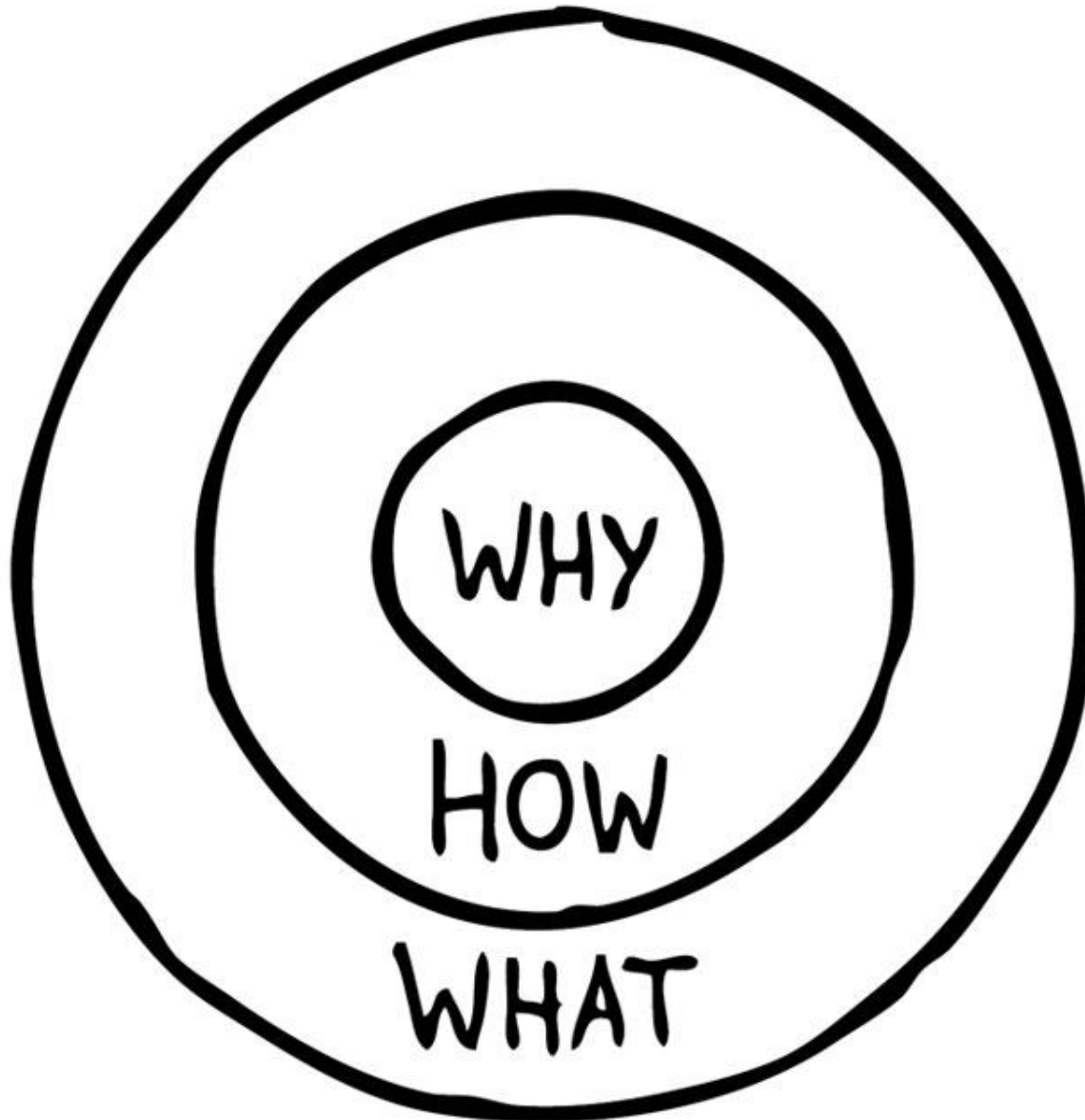
Sarah E. Fancher, Ozarks Technical Community College
Jamie L. Emery, Saint Louis University
2019 LOEX Conference

What percentage of undergraduate students rely on Internet resources almost exclusively, despite having received library instruction?

What percentage of undergraduate students rely on Internet resources almost exclusively, despite having received library instruction?

78-84%

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





SKILLSHARE

Backward Design



Source: Wiggins & McTighe, 2005



Rational Actor Paradigm



Assumptions...

Librarian Heuristics of Library Value



Expert Blind Spots









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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 & Dockett (2010)

Skills Based Instruction





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

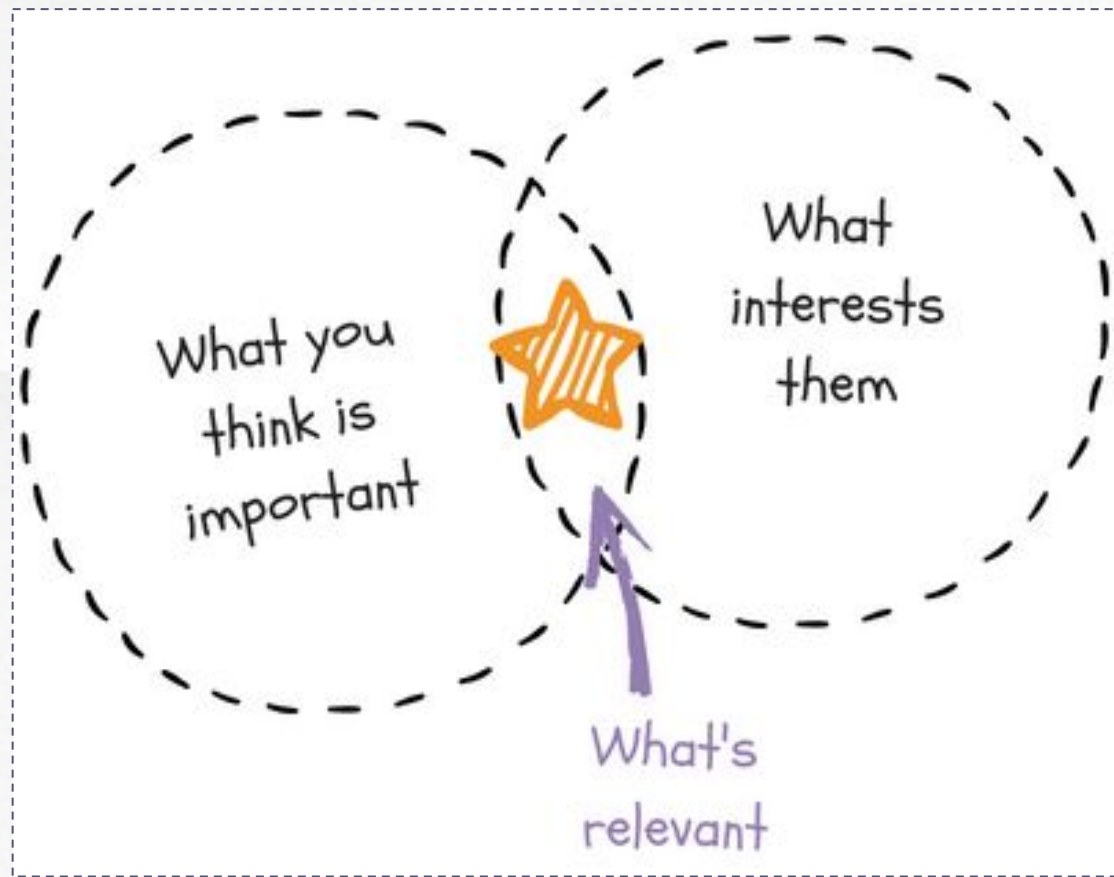


Image Source: EBSCO, 2016

Engagement Questions



Grab
attention



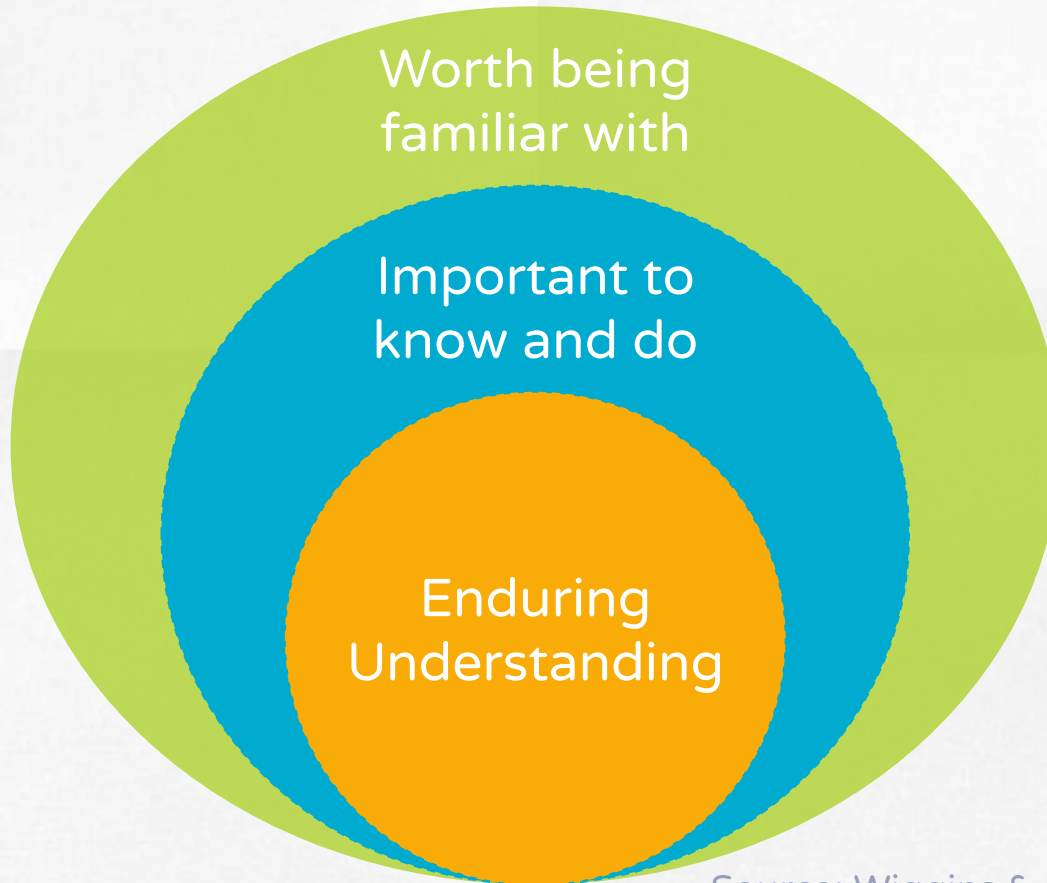
Highlight
relevance



Contextualize

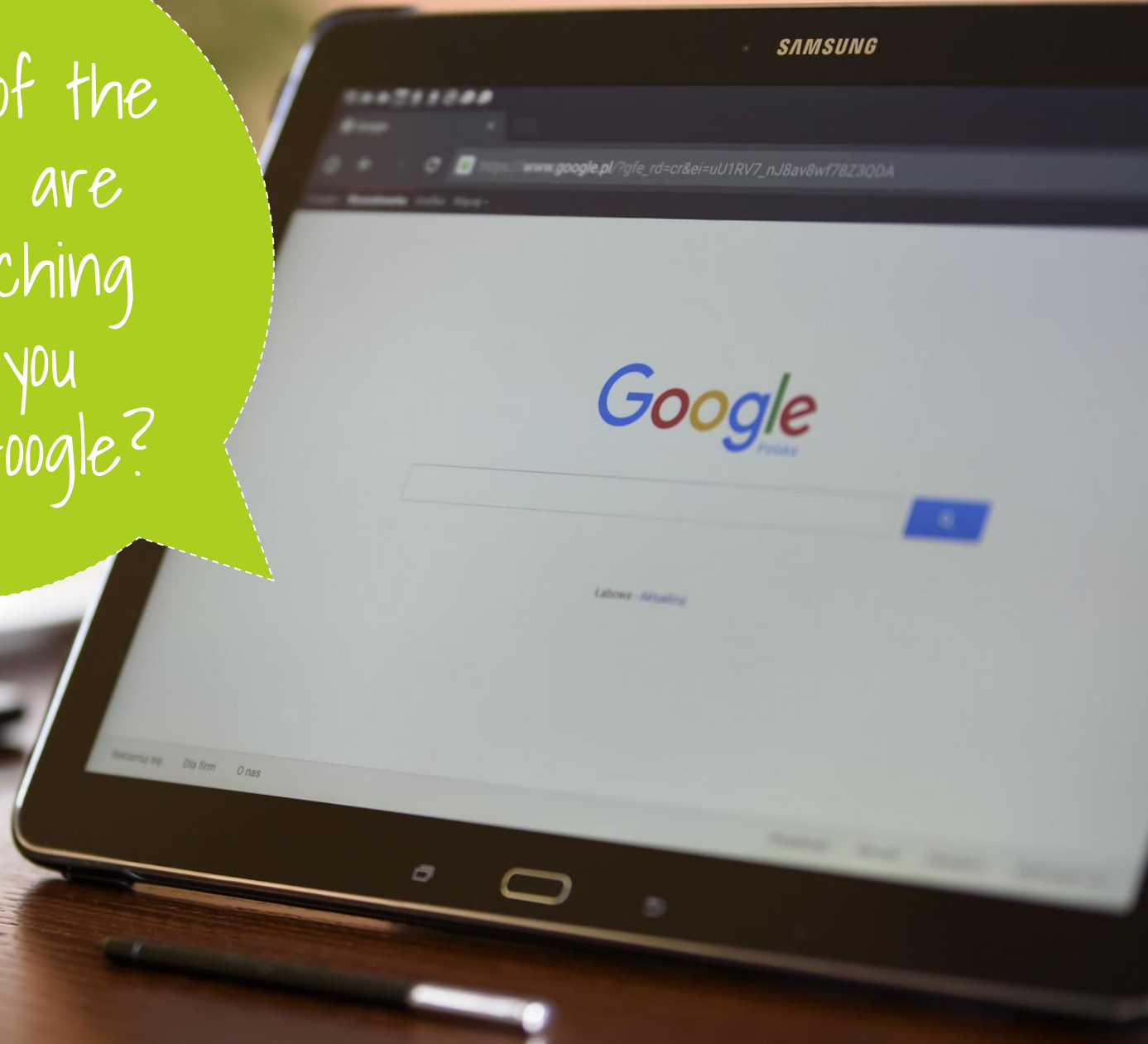
Sources: Warren & Duckett, 2010; Jacobson & Xu, 2004; Perin, 2011

Prioritizing Learning Goals



Source: Wiggins & McTighe, 2005

What % of the Internet are you searching when you search Google?



An iceberg floating in the ocean, used as a metaphor for the web. The tip of the iceberg is above the water line and contains logos for Google, CNN.com, reddit, and bing. An orange arrow labeled 'Surface Web' points to this tip. The much larger part of the iceberg is submerged below the water line. An orange arrow labeled 'Deep Web' points to this submerged part. A list of content types is written in white text on the submerged part of the iceberg. A large orange bracket on the right side of the submerged part encompasses the list and a statistic.

Surface Web

Google



CNN.com

bing

Deep Web

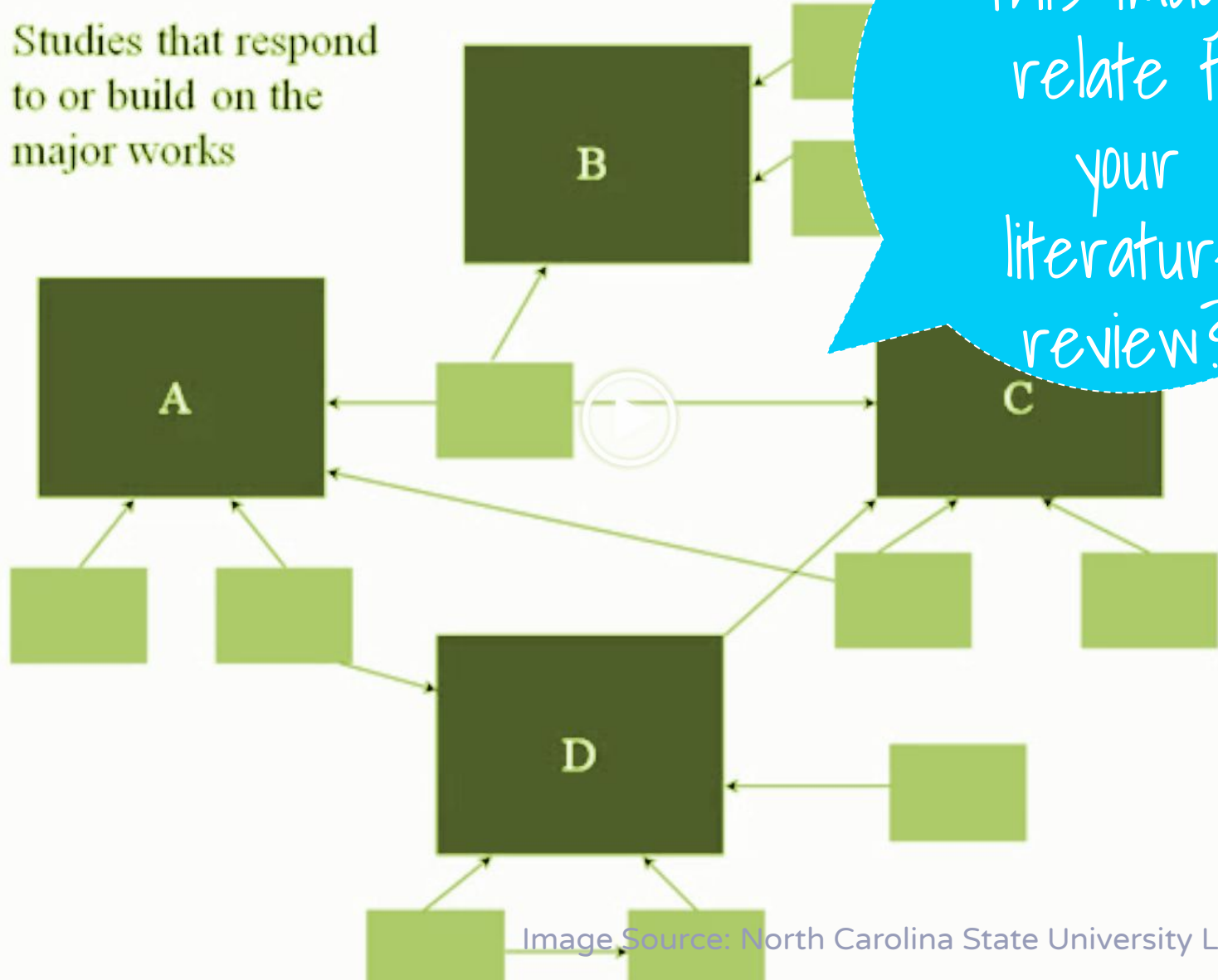
**Academic databases
Medical records
Financial records
Legal documents
Some scientific reports
Some government reports
Subscription-only information
Some organization-specific
repositories**

**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



When would you want to use popular magazine & newspaper articles in your research?

... campaign against the SSTs. As a result of the public effects of SST sonic bangs, have prohibited SST overflight over their territory. The United States has stated that they will do so if the commercial operation of the SST is not to include Canada, Denmark, the Netherlands, Sweden and Switzerland. The U.S.A. will probably doubt that the U.S.A. will prohibit overflight. These actual prohibitions have had dramatic effects upon the prospects of potential supersonic commercial operations, and therefore upon the high airport noise of the SSTs, the

WHAT NEEDS TO BE DONE

Although the commercial prospects for supersonic transport are dwindling nearly to vanishing point, its advocates are not admitting defeat.

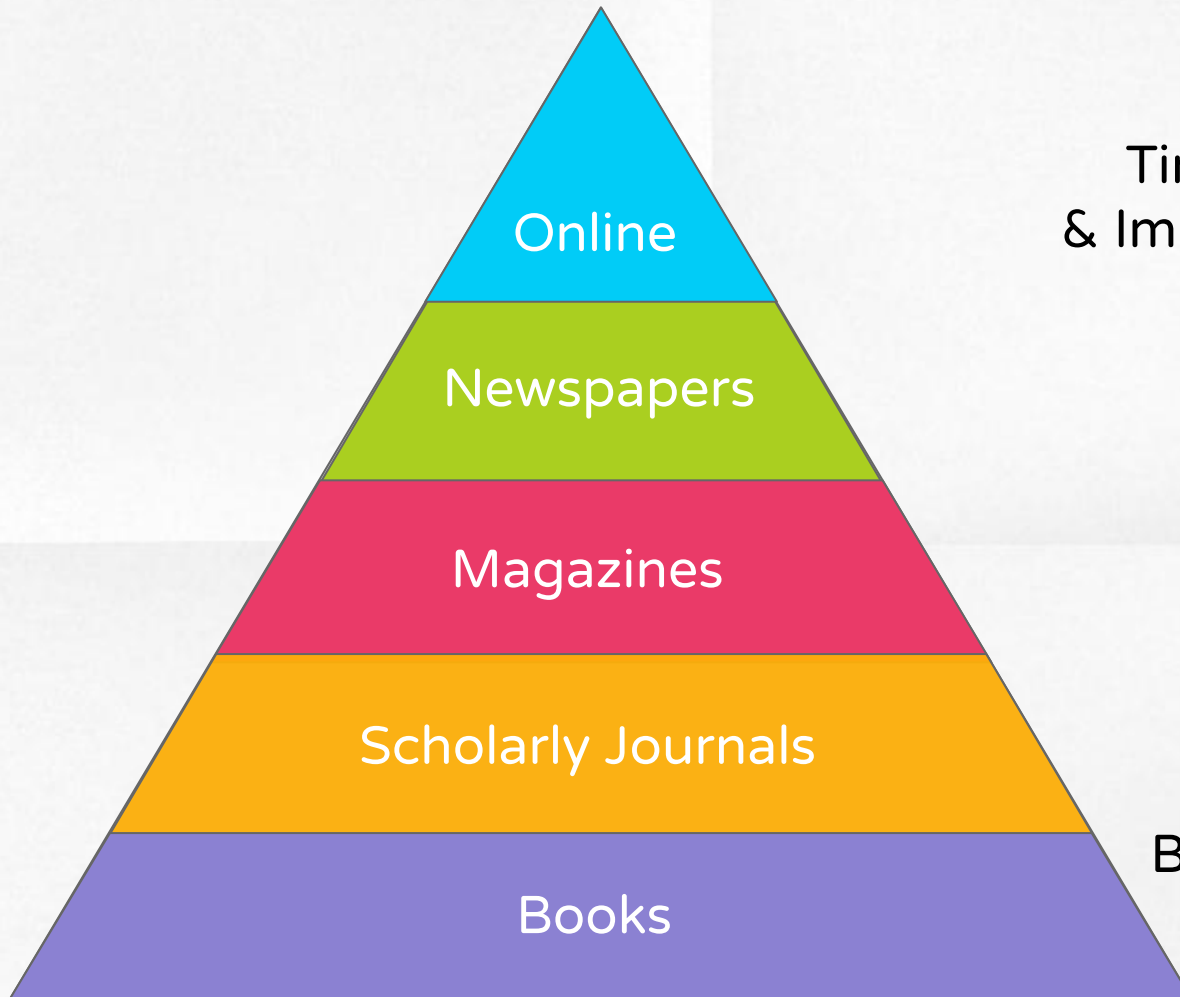
France have already embroiled themselves with Concorde, and the U.S.S.R. are planning other countries in various supersonic flight "corridors". They have the support of a "lobby" which uses the "challenge of foreign SSTs" as the main argument for demanding a new U.S.

airlines which are potential Concorde are well aware of their performance. Some of them are well-informed about its effects but much more necessary.

The Board has had "involvement" with a Russian representative "a pooled supersonic program" involving two-thirds of the United States carriers and possibly Japan, and the United States carriers

chairman of the British Airways Board has predicted " (The Times Business News, 7 October 1972). Mr Nicholson said he expected the talks to lead to agreements to operate Concorde and the

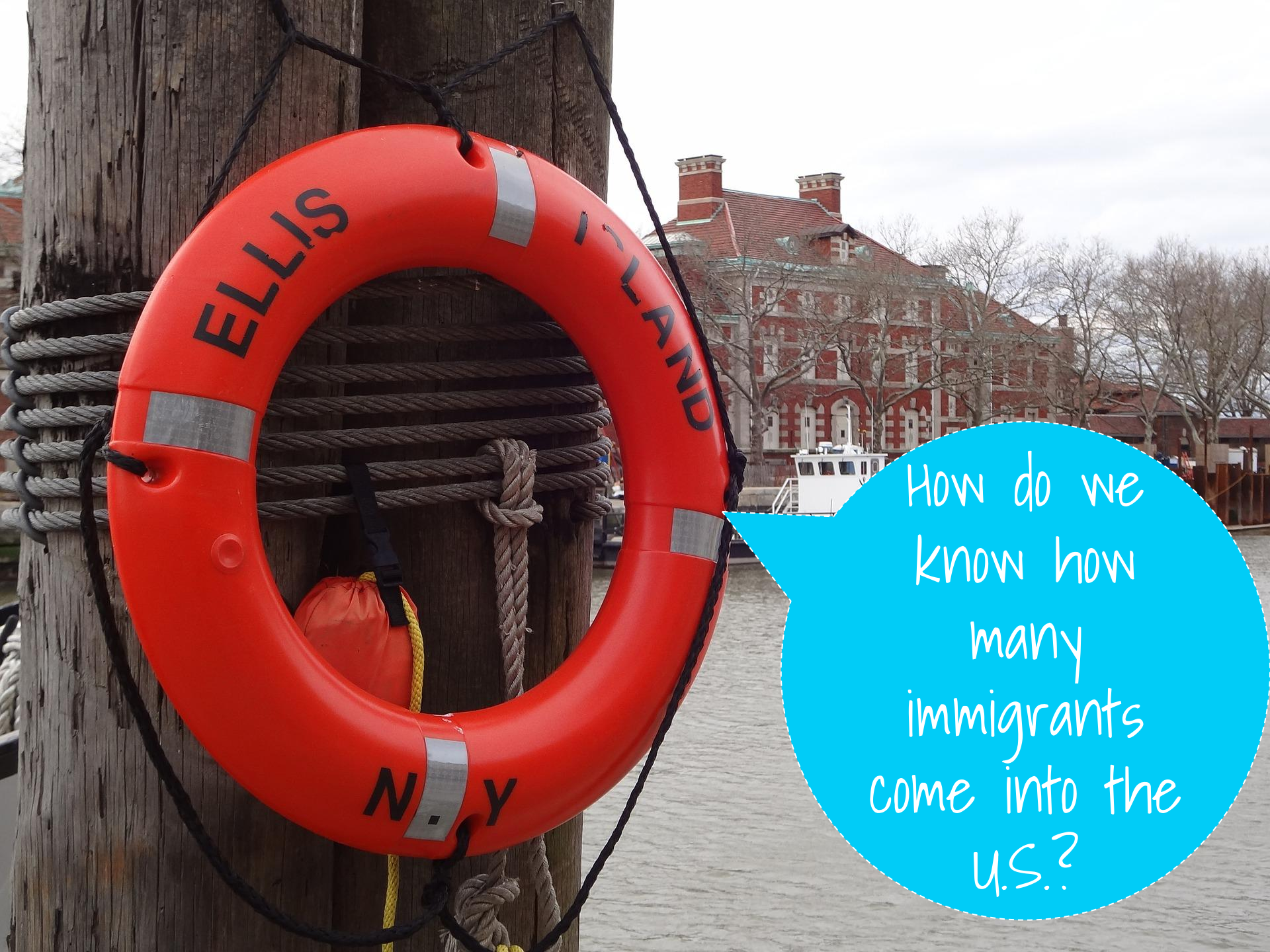
We invite the world to add its voluntary contribution
Index slip for n




Timeliness
& Immediacy

Breadth &
Depth





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)

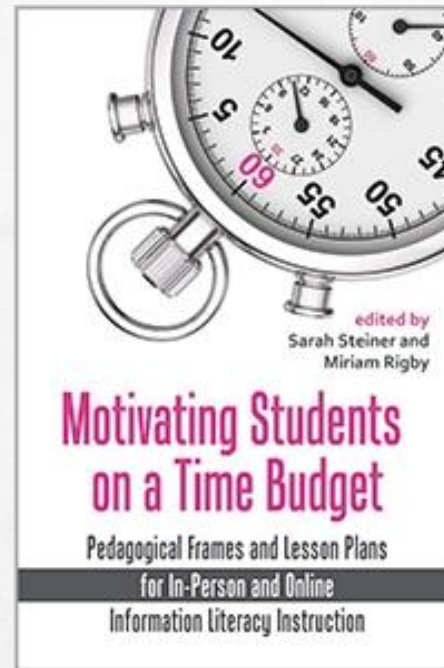
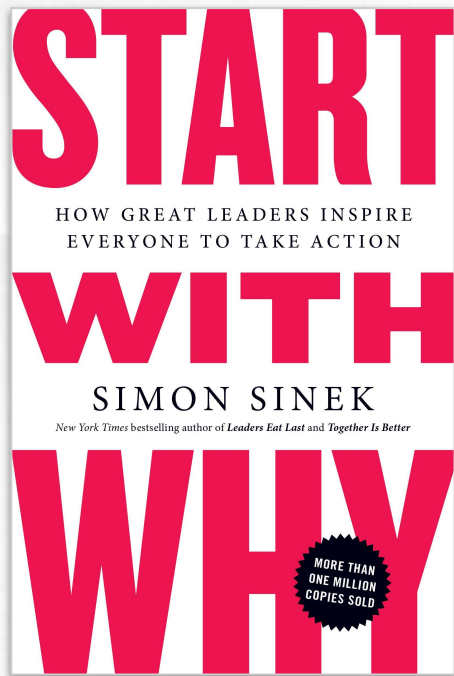
Thanks!



Any questions?

You can reach us at:
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Recommended Reading



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