



B15. Digital Literacy

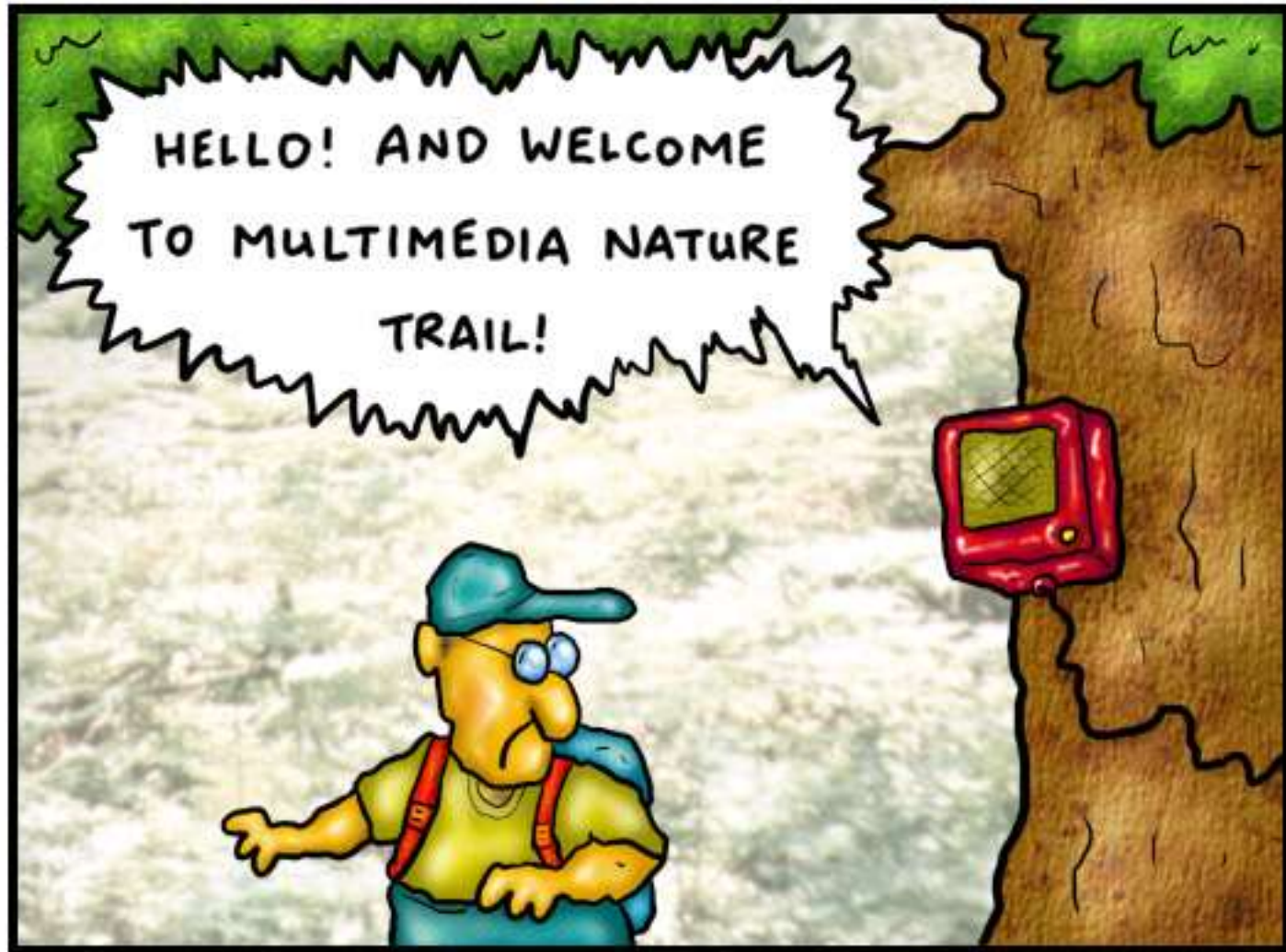
WISE Fall 2017

Class schedule

Class	Theme
10/27	Introduction
11/3	Literacy in the 21 st century
11/10	Guest speaker – Tracy O'Connell Novick
11/17	Historical Preservation or "My Great American Novel is on a 5 1/4" floppy."
12/1	What's ahead?

Readings and presentations are available at <http://queenlake.com/wise/wise-fall-2017/digital-literacy/> .

DOCTOR FUN



Irregardless is still not a word.
No matter how many times
you use it.



your  cards
nom-e-cards.com

[1] I Tell 'Em What I Am Going To Tell 'Em. [2] I Tell 'Em. [3] I Tell 'Em What I've Told 'Em

Who said it? Aristotle? Dale Carnegie? J. H. Jowett? Fred E. Marble? Royal Meeker? Henry Koster? Anonymous?

Quote Investigator

Douglas Adams

(author, *Hitchhiker's Guide to the Galaxy*):

- "I've come up with a set of rules that describe our reactions to technologies:
 1. Anything that is **in the world when you're born** is normal and ordinary and is just a natural part of the way the world works.
 2. Anything that's **invented between when you're fifteen and thirty-five** is new and exciting and revolutionary and you can probably get a career in it.
 3. **Anything invented after you're thirty-five** is against the natural order of things."

Who needs what when?





"I don't do that."

“I won’t do that.”



“Why would anyone do that?”



Donald J. Trump ✓

@realDonaldTrump

 **Follow**



Despite the constant negative press covfefe

RETWEETS

45,318

LIKES

55,185



5:06 AM - 31 May 2017

 21K

 45K

 55K





In the news

As Irma nears, Florida Governor tells residents to use Gas Buddy, Expedia, Google Maps & more

Posted Sep 7, 2017 by Sarah Perez (@sarahintampa)



Speaking at a [press conference](#) this morning, Florida Governor Rick Scott told state residents to turn to apps and other online resources, including Gas Buddy, Google Maps, Expedia and Comcast's Xfinity Wi-Fi hotspot finder, to help them find fuel, navigate safely, and stay connected both ahead of and following Hurricane Irma's arrival.

The lack of readily available gasoline, in particular, has been a huge problem facing the state

Apps are more than just fun and games



During an exchange with reporters outside the White House in October, President Donald Trump called NBC News "fake news" after the agency reported tension between Trump and Secretary of State Rex Tillerson. | Alex Edelman/AFP/Getty Images

Poll: 46 percent think media make up stories about Trump

But voters diverge from the president on whether the federal government should be able to punish news organizations that he believes make up stories about him.

By STEVEN SHEPARD | 10/18/2017 05:56 AM EDT

Freedom of the Press?

Table POL15: Based on what you know, do you believe the nations major news organizations fabricate news stories about President Trump and his administration, or not?

Demographic	Yes, they do fabricate stories about President Trump and his administration		No, they do not fabricate stories about President Trump and his administration		Dont Know/No Opinion		Total N
Registered Voters	46%	(916)	37%	(731)	17%	(344)	1991
Gender: Male	50%	(462)	34%	(319)	16%	(147)	928
Gender: Female	43%	(454)	39%	(411)	19%	(197)	1063
Age: 18-29	42%	(141)	38%	(129)	19%	(65)	336
Age: 30-44	45%	(214)	35%	(169)	20%	(95)	479
Age: 45-54	39%	(178)	39%	(175)	22%	(98)	451
Age: 55-64	52%	(157)	37%	(112)	11%	(32)	301
Age: 65+	53%	(226)	34%	(145)	13%	(54)	425
PID: Dem (no lean)	20%	(140)	65%	(455)	15%	(101)	696
PID: Ind (no lean)	44%	(292)	31%	(207)	24%	(160)	660
PID: Rep (no lean)	76%	(484)	11%	(68)	13%	(83)	636
PID/Gender: Dem Men	28%	(84)	58%	(174)	14%	(42)	300
PID/Gender: Dem Women	14%	(56)	71%	(280)	15%	(59)	396
PID/Gender: Ind Men	45%	(140)	33%	(103)	22%	(67)	310
PID/Gender: Ind Women	43%	(152)	30%	(105)	27%	(93)	350
PID/Gender: Rep Men	75%	(238)	13%	(42)	12%	(38)	318
PID/Gender: Rep Women	78%	(246)	8%	(26)	14%	(45)	317
Tea Party: Supporter	67%	(343)	20%	(101)	13%	(65)	509
Tea Party: Not Supporter	39%	(570)	42%	(626)	19%	(278)	1475
Ideo: Liberal (1-3)	24%	(162)	65%	(444)	12%	(81)	688
Ideo: Moderate (4)	42%	(191)	38%	(174)	19%	(88)	452
Ideo: Conservative (5-7)	75%	(495)	12%	(77)	13%	(84)	656
Educ: < College	47%	(621)	33%	(427)	20%	(261)	1309
Educ: Bachelors degree	44%	(193)	43%	(190)	13%	(60)	442
Educ: Post-grad	42%	(102)	48%	(114)	10%	(24)	240

Continued on next page

Politico survey - detail



Espionage



LOLs and money



Errors in fact/judgement



Satire/Parody



Fear/Propaganda



Dead cat



You can't handle the truth

About Fake News

Wisdom, and knowledge, as well as virtue, diffused generally among the body of the people, being necessary for the preservation of their rights and liberties; ...

it shall be the duty of legislatures and magistrates, in all future periods of this commonwealth, to cherish the interests of literature and the sciences, and all seminaries of them; ... to countenance and inculcate the principles of humanity and general benevolence, public and private charity, industry and frugality, honesty and punctuality in their dealings; sincerity, good humor, and all social affections, and generous sentiments among the people.

Art. 5, § 2, of the Massachusetts Constitution

Why we teach and why we learn



How many of you are former elementary school teachers?



The future changed

If you started school in the 30s, 40s, or 50s, education was recognizable for the next few decades.
And then came computers.



Everything we thought we knew was shoved aside

A preliminary definition of digital literacy

- The ability to use a computer, tablet, or smartphone to accomplish certain basic tasks:
 - Education, including, but not limited to, online instruction, research, writing, and examinations
 - Completing online tasks required by employers, government, banks, or other institutions
 - Social interactions, including, but not limited to, use of services such as email and social networks, to communicate with friends and colleagues
 - Have fun, including, but limited to watching videos, listening to music or podcasts, and playing games



And then there's critical thinking...

Three questions about digital literacy

- ▶ What's getting in your way?
(What, in your daily life, are you unable to do because you don't know how to use a computer, smartphone, or tablet comfortably?)
 - ▶ What do you think that the young people in your life need to know?
 - ▶ What do you think that society at large needs to know?
- ▶ Send your answers as a text message to **508 829-5825**
 - ▶ Or, email to **kh@queenlake.com**

"Stunning and profound . . . a true tour-de-force."—John Seely Brown

TOO BIG TO KNOW

RETHINKING KNOWLEDGE *Now That the* FACTS AREN'T

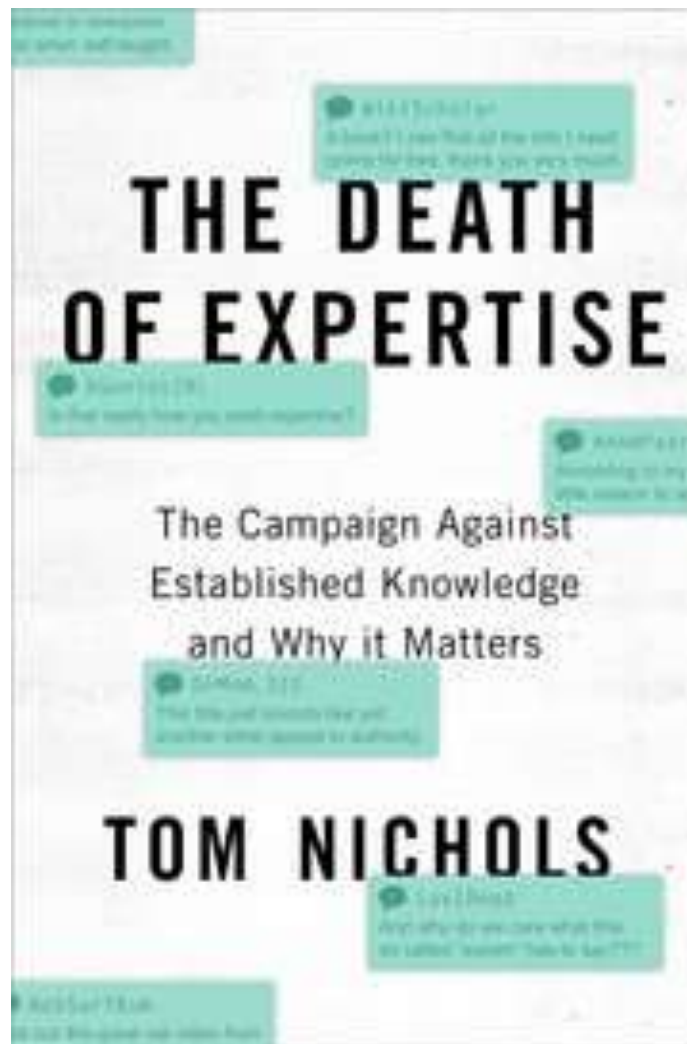
the FACTS, EXPERTS *Are* EVERYWHERE, and

the SMARTEST PERSON *in the*

ROOM *Is the* ROOM

David Weinberger

Too Big to Know by David Weinberger



The Death of Expertise by Tom Nichols

prescriptivism

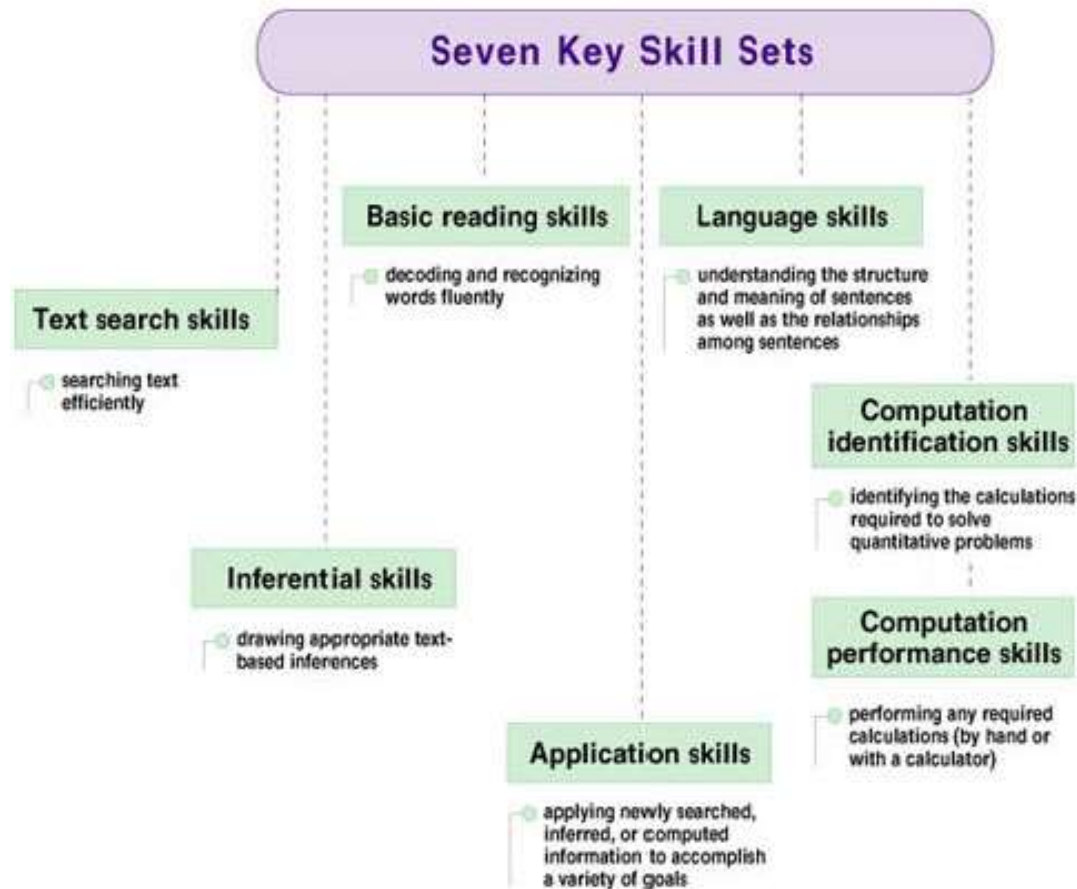
descriptivism



dictionaries

Sorry! _('')_/_

Dictionaries are descriptivist, not prescriptivist



NAAL Literacy Skills

National Assessment of Adult Literacy - https://nces.ed.gov/naal/fr_skills.asp

FIGURE 3. Screen Media Time, by Demographics, 2017

Among 0- to 8-year-olds, average time spent with screen media per day (hours:minutes)



Children From Low-Income, Less Educated Families Spend Nearly Twice as Much Time on Screens

The Common Sense Census: Media Use By Kids Age Zero To Eight

About kids and social media

- Sixty years ago, early studies of children and their television watching habits showed similar results. (Scott, Lloyd F. “Relationships between Elementary School Children and Television.” *The Journal of Educational Research*, vol. 52, no. 4, 1958, pp. 134–137. JSTOR, JSTOR, www.jstor.org/stable/27530184.)
 - Academic and IQ test scores were lower, at a statistically-significant level, for children who watched more television.
 - Academic and IQ test scores also correlated to income and occupation (low skill, low status).

The accumulated evidence, however, does not warrant the conclusion that televised violence has a uniformly adverse effect nor the conclusion that it has an adverse effect on the majority of children.

Television and Growing Up: The Impact of Televised Violence

Report to the Surgeon General, 1971



Kids, screens and parental guilt: Time to loosen up?

More than just words

21st century literacy

Reading

Writing

Numeracy

Multimedia

- Images
- Video
- Audio
- Augmented reality
- Virtual reality

Social

Mobility

Ubiquity



Questions?