

B15. Digital Literacy

WISE Fall 2017



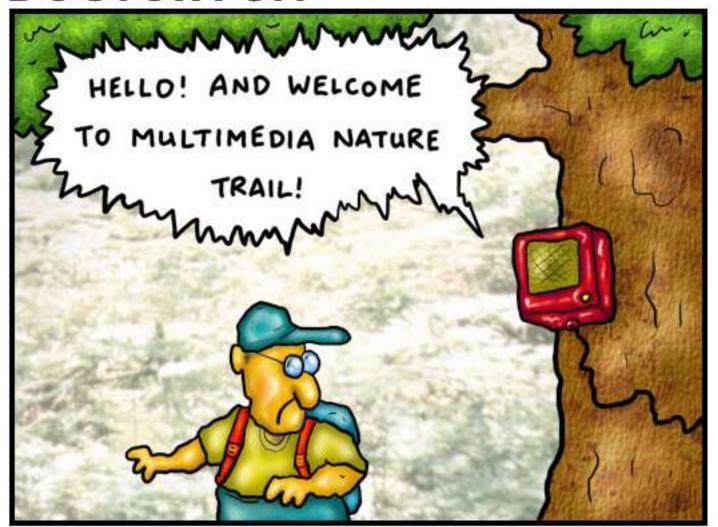
Class schedule

Class	Theme
10/27	Introduction
11/3	Literacy in the 21st 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









[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



Despite the constant negative press covfefe

RETWEETS

LIKES

45,318

55,185



















5:06 AM - 31 May 2017







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 relidents 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 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







LOLs and money



Errors in fact/judgement



Satire/Parody





Dead cat



You can't handle the truth

Fear/Propaganda

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?

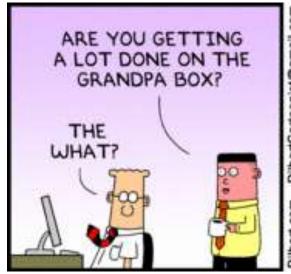




The future changed

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





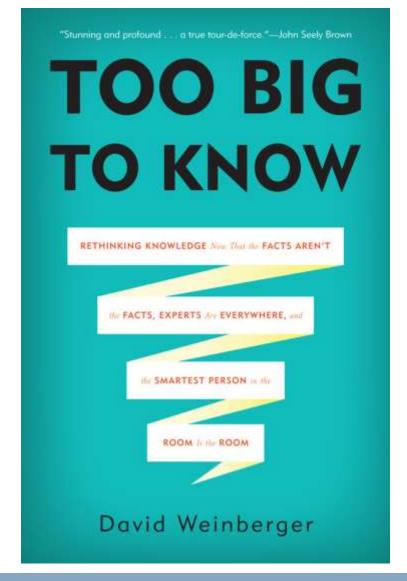
And then there's critical thinking...



Three questions about digital literacy

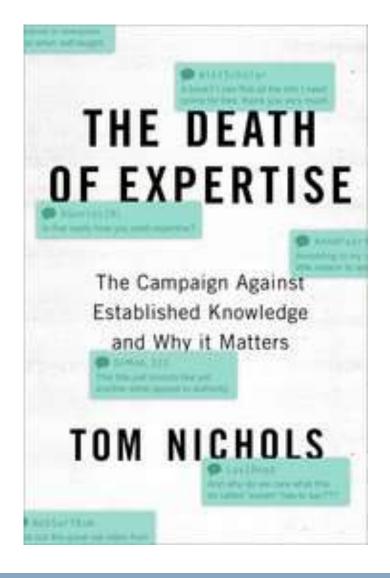
- What's getting in your way? (What, in your daily life, are you unable to do because you don't know how to use a computer, smartphone, or tablet comfortably?)
- What do you think that the young people in your life need to know?
- What do you think that society at large needs to know?

- Send your answers as a text message to 508 829-5825
- Or, email to kh@queenlake.com



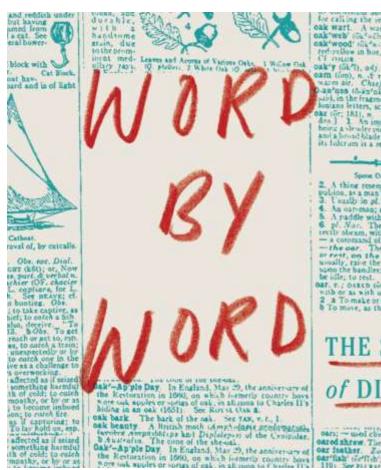
Too Big to Know by David Weinberger





The Death of Expertise by Tom Nichols





for calking the seams of alsips. eak wart. A wartlike one gall, eak web' (5k' wib'), n. A cockehafer. Diel Eng.

oak'wood' silk's. In'), n . or oakwood brown. A brown. tert yellow in hor, of low saturation and medium brilliance, iron under Mgi. CE PHLUE

oak'y (5k'l), ady | 1.5ke oak; abounding in oaks oarn (6m), n . t r (CI Nor. that. ome smoke.) Steam; mag.ne'sl. am warm air. Chiefly Scot.

can'one (den'nis), n. A deity, part fish and part man, but, in the fragments of fleroeses, to have taught the Hally-

Annans letters, science, and civilization.

An intermediate of the control of the and a broad blade at the other, working as a lever. In cowing its falcrum is a rest called the ourlock or rowlock.



A thing resembling an our in shape, or in use for pro-pol-too, as a man's arm, a hord's wine, or a selimming organ.

Usually to pl. A rowbout; — called also pair of ours. An our-man; a rower; at, he is a good our. A raddle with which anything, so mash, is stiered.

6 pl. Nac. The resistion of holding the cars pointed directly abount, with hindes feathered (see statums, m. t., \$);

- a command of preparation ar of rest.

- the our The old punishment of the saliers. - to fig.

- the our The old punishment of the saliers. - to fig.

- e-set, on the tor sme's) ours. To cease rowing and,

usually, raise the our blades out of water by bearing down some the handles; hence, to crase from work of any kind; to be idle, to rest.

OAR, C.; OARED Gird; OARTING. Transstire: 1. To propel with or as with oars; to row. "Cared himself." Stock 2 a To make or accomplish for rowing or a rowing motion. b To move, as the hand or arm, with a rowing motion.

pars; - used chiefly in composition; as, a furr-eared boat. oared shraw. The European auter shrew (Neomys foliana). our feather. Zool, A remer. our flah' (de Tish'; 181), n.; pl. erin, erines (-fluh'fe, Jn;

mag-ne-ste unit magrae-site em erad. Native or MI. DO . 12 HI. But always in distanciae, cerus oliving, and ou chiefly by elect with other chi futed moture Highlitensis, will light (magner perotection, at sheet, roid, on deexadiage of a pound, MgCC pared artificia marnedum di

posits, and usu It is used as a wool goods, etmagnesium b acid tin rulk

magnectum li magnesium il magnesium o BEAUTHORIUM N CATTAINE RATIN MeSO, 7H₂O mag'net (may magnete, ir. L. nin lither, a t score of Magn 1. A variety having natura - called also thing which a

2. Any body SHARP THE VIOLEN magnute, le. L. nee isthon, a s stone of Magn 1. A variety

Word By Word - The secret life of dictionaries

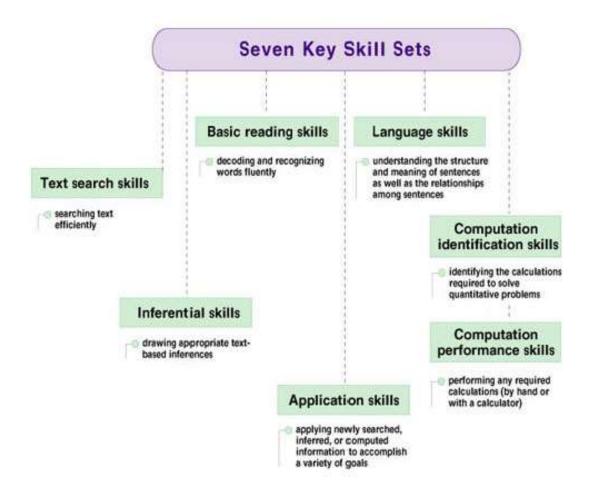
By Kory Stamper





Dictionaries are descriptivist, not prescriptivist





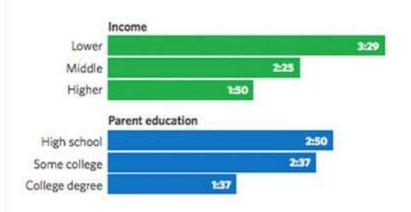
NAAL Literacy Skills

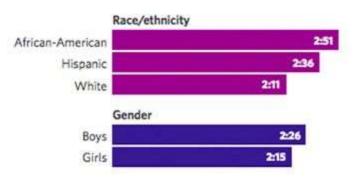
National Assessment of Adult Literacy - https://nces.ed.gov/naal/fr_skills.asp



FIGURE 3. Screen Media Time, by Demographics, 2017

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





Note: Lower income is less than \$30,000 a year; middle income is \$30,000 to \$75,000 a year; and higher income is more than \$75,000 a year.

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, ww.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).

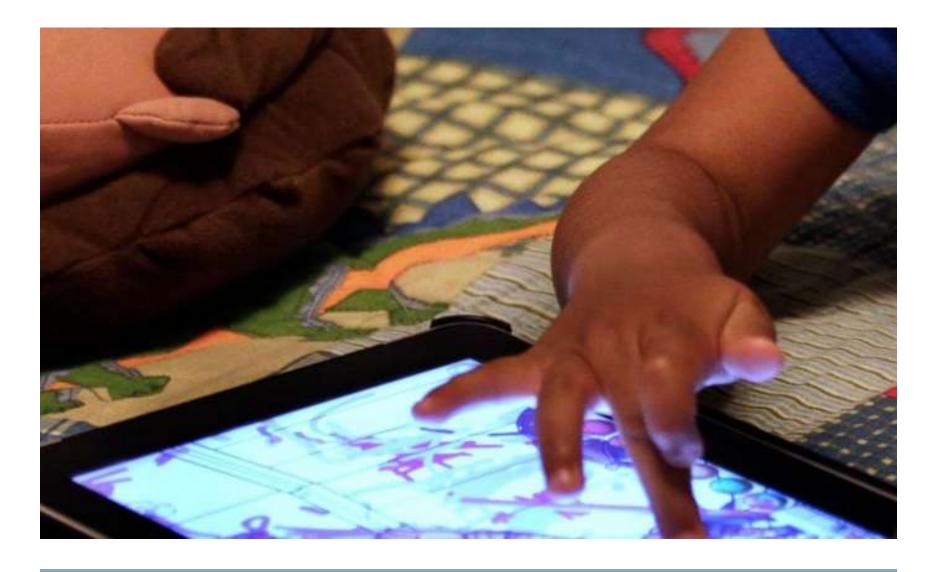


The accumulated evidence, however, does not warrant the conclusion that televised violence has a uniformly adverse effect nor the conclusion that it has an adverse effect on the majority of children.

<u>Television and Growing Up: The Impact of Televised</u> 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 Numeracy Numeracy Numeracy Numeracy Social Mobility Ubiquity





Questions?

