

TOC:

[Chapter 1](#)

[Chapter 2](#)

[Chapter 3](#)

[Chapter 4](#)

[Chapter 5](#)

[Chapter 6](#)

[Chapter 7](#)

[Chapter 8](#)

[Chapter 9](#)

Chapter 1

Children today first engage with digital media at the average age of four

*months...*Source:Christakis, Dimitri. "Media and Children." TED. Dec. 2011. Lecture.

https://www.youtube.com/watch?v=BoT7qH_uVNo

According to a Pew survey in 2015... Pew Research Center's Social & Demographic Trends

Project. "Parenting in America." Published December 17, 2015. Accessed April 20, 2017.

<http://www.pewsocialtrends.org/2015/12/17/parenting-in-america/>

On average, children in the United States spend more time daily... Rideout, Victoria J.,

Ulla G. Foehr, and Donald F. Roberts. "Generation M2: Media in the Lives of 8- to 18- Year

Olds." Kaiser Family Foundation Study (2010). Web.

American Academy of Pediatrics rule of “no TV before age 2” Pediatrics. “Media Use by Children Younger Than 2 Years.” October 11, 2011.

<http://pediatrics.aappublications.org/content/early/2011/10/12/peds.2011-1753> Accessed April 20, 2017.

In 2016, it was significantly altered

Pediatrics. “Media and Young Minds.” October 21, 2016 .

<http://pediatrics.aappublications.org/content/early/2016/10/19/peds.2016-2591> Accessed April 20, 2017

Chapter 2

The last major piece of federally funded research on children and media was titled

Television and Behavior. “Television and Behavior. Ten Years of Scientific Progress and Implications for the Eighties. Volume I: Summary.Report.” National Institutes of Mental Health (DHHS), Rockville, Md. 1982.

children still do more essentially passive video watching than any kind of interaction with screens. Sweetser , P., Johnson, D., Ozdowska, A., Wyeth, P. (2012). Active versus passive screen time for young children. Australasian Journal of Early Childhood, 37, 94-98.

Parental education, parental income, and parental self-efficacy (the belief and confidence that you are an effective parent) are all correlated with less screen time for kids. Lampard, A.

M., J. M. Jurkowski, and K. K. Davison. "Social-Cognitive Predictors of Low-Income Parents' Restriction of Screen Time Among Preschool-Aged Children." *Health Education & Behavior* 40.5 (2012): 526-30.

Web. ; Gorely, Trish, Simon J. Marshall, and Stuart JH Biddle. "Couch kids: correlates of television viewing among youth." *International journal of behavioral medicine* 11.3 (2004): 152-163.

A 2011 survey covered 9,000 preschoolers. Tandon, Pooja S., Chuan Zhou, Paula Lozano, and Dimitri A. Christakis. "Preschoolers' Total Daily Screen Time at Home and by Type of Child Care." *The Journal of Pediatrics* 158.2 (2011): 297-300. Web.

And some researchers suggest that overall TV viewing habits have been stable for the past 50 years. Marshall, Simon J., Trish Gorely, and Stuart J.h. Biddle. "A Descriptive Epidemiology of Screen-based Media Use in Youth: A Review and Critique." *Journal of Adolescence* 29.3 (2006): 333-49. Web.

A 2003 study found that two out of three children 6 and under live in homes where the TV is left on at least half the waking hours, even without viewers present. Rideout, Victoria J., Elizabeth A. Vandewater, and Ellen A. Wartella. "Zero to six: electronic media in the lives of infants, toddlers and preschoolers." (2003).

*The most widely cited national census...*Rideout, Victoria J. *The Common Sense Census: Media Use by Tweens and Teens*. Rep. N.p.: Common Sense, 2015. Web.

*Similar research in adults corroborates the idea...*Lanaj, Klodiana, Russell E. Johnson, and Christopher M. Barnes. "Beginning the workday yet already depleted? Consequences of late-night smartphone use and sleep." *Organizational Behavior and Human Decision Processes* 124.1 (2014): 11-23. Web.

Humans have something called an “orienting reflex.”...Sokolov, E. N. "Higher Nervous Functions: The Orienting Reflex." Annual Review of Physiology 25.1 (1963): 545-80. Web.

When the Children's Television Workshop ... Davis, Michael. Street Gang: The Complete History of "Sesame Street." New York: Viking, 2008. p.144

Some media researchers posit that kids have “parasocial” relationships with characters, seeing them as “superpeers”--charismatic and highly influential, whether they are solving problems with a hug or hitting their sisters...Hoffner, Cynthia. "Children's wishful identification and parasocial interaction with favorite television characters." Journal of Broadcasting & Electronic Media 40.3 (1996): 389-402...Moyer-Gusé, Emily. "Toward a theory of entertainment persuasion: Explaining the persuasive effects of entertainment-education messages." Communication Theory 18.3 (2008): 407-425.

As child psychologist Bruno Bettelheim described...Bettelheim, Bruno. "The uses of enchantment." New York: Alfred A. Knopf (1976): 66-70.

Christakis has forced mice to spend their entire childhoods...Christakis, Dimitri A., J. S. B. Ramirez, and Jan M. Ramirez. "Overstimulation of newborn mice leads to behavioral differences and deficits in cognitive performance." Scientific reports 2 (2012): 546.

One representative survey of 2,048 fourth and seventh-grade students...Falbe, Jennifer, et al. "Sleep duration, restfulness, and screens in the sleep environment." Pediatrics 135.2 (2015): e367-e375.

exposure to light, especially blue-spectrum screen light ... Wood, Brittany, et al. "Light level

and duration of exposure determine the impact of self-luminous tablets on melatonin suppression."

Applied ergonomics 44.2 (2013): 237-240.

overproduction of cortisol... This relationship is a complex one. Kumari, Meena, et al. "Self-reported sleep duration and sleep disturbance are independently associated with cortisol secretion in the Whitehall II study." *The Journal of Clinical Endocrinology & Metabolism* 94.12 (2009): 4801-4809.

Rebecca Spencer She's been conducting a five-year study of an economically diverse group of 600 (not 500) children, Interview 11/17/15. Similar study: Cremone, Amanda, et al. "Sleep Tight, Act Right: Negative Affect, Sleep and Behavior Problems During Early Childhood." *Child Development* (2017).

*myopia or nearsightedness has increased by two-thirds in the US since the 1970s...*Ding, Bo-Yuan, et al. "Myopia among Schoolchildren in East Asia and Singapore." *Survey of Ophthalmology* (2017). , Holden, Brien A., et al. "Global prevalence of myopia and high myopia and temporal trends from 2000 through 2050." *Ophthalmology* 123.5 (2016): 1036-1042.

"computer vision syndrome," Rosenfield, Mark. "Computer vision syndrome (aka digital eye strain)." *Optometry* 17.1 (2016): 1-10.

*more than two hours a day watching TV doubles the risk of obesity in kids...*Pardee, Perrie E., et al. "Television viewing and hypertension in obese children." *American journal of preventive medicine* 33.6 (2007): 439-443.

Obesity rates have doubled in children and quadrupled in adolescents over the past 30

years "Obesity Facts | Healthy Schools | CDC". *Cdc.gov*. N.p., 2017. Web. 23 Apr. 2017.

Diabetes type 1, the genetic kind, which used to be known as "child-onset diabetes," isn't called that anymore "How Does Type 2 Diabetes Affect Children?" *WebMD*. WebMD, n.d. Web. 23 Apr. 2017.

Bobo was an inflatable doll... Lansford, Jennifer E. "Bobo Doll Experiment." *Encyclopedia of Personality and Individual Differences* (2016): 1-3. Web.

in addition to a whole bunch of more long-range surveys showing small correlations in large populations and over time... Hopf, Werner H., Günter L. Huber, and Rudolf H. Weiß. "Media Violence and Youth Violence." *Journal of Media Psychology* 20.3 (2008): 79-96. Web.

what is going on physiologically when people watch graphic representations of violence ... Perry, Bruce D. "The neurodevelopmental impact of violence in childhood." *Textbook of child and adolescent forensic psychiatry* (2001): 221-238.

"The most prevalent is desensitization" ...Cline, Victor B., Roger G. Croft, and Steven Courier. "Desensitization of children to television violence." *Journal of personality and social psychology* 27.3 (1973): 360

"fear and anxiety." ...Cantor, Joanne. "Fright reactions to mass media." *Media effects: Advances in theory and research* 2.2 (2002): 287-306.

Murder rates... Gramlich, John. "5 Facts About Crime In The U.S.". Pew Research Center. N.p., 2017.

Web. 23 Apr. 2017. <http://www.pewresearch.org/fact-tank/2017/02/21/5-facts-about-crime-in-the-u-s/>

And when you look cross-culturally, ... for example, France, Sweden, Japan and Korea have fewer than 1 homicides per 100,000 people compared to 8 per 100,000 in the United States.

<http://www.indexmundi.com/facts/indicators/VC.IHR.PSRC.P5/compare?country=oe#country=ca:fr:oe:se:us> "OECD Members - Intentional Homicides (Per 100,000 People) - Country Comparison".

Indexmundi.com. N.p., 2017. Web. 23 Apr. 2017.

TV Parental Guidelines System ... <http://www.tvguidelines.org/> In order from most to least appropriate, the ratings are TVY, TVY7, TVY7FV, TVG, TVPG, TV14, TVMA. Objectionable content is D for dialogue, L for crude language, S for sexuality, V for violence, and FV for "fantasy violence".

Patti Valkenburg... Piotrowski, J.T. & Valkenburg, P.M. (2015). Finding orchids in a field of dandelions: Understanding children's differential susceptibility to media effects.

American Behavioral Scientist, 59, 1776-1789, doi: 10.1177/0002764215596552

Chapter 3

*Four Arguments For The Elimination Of Television ...*Mander, Jerry. Four Arguments For The Elimination Of Television. 1st ed. New York: William Morrow & Company, 1978.

Print.

*nine out of ten American children under 18 play video games...*Lenhart, Amanda., Kahne, Joseph., et al. "Teens, video games, and civics." Pew Internet & American Life Project, 16 Sept. 2008.

*about 8 percent meet enough categories on an addiction checklist...*Hauge, M. R. & Gentile, D. A. (2003, April). Video game addiction among adolescents: Associations with academic performance and aggression. Poster presented at the 2003 Society for Research in Child Development Biennial Conference, Tampa, FL.

*These are the types of questions...*Jelenchick, Lauren A., et al. "The Problematic and Risky Internet Use Screening Scale (PRIUSS) for adolescents and young adults: Scale development and refinement." *Computers in human behavior* 35 (2014): 171-178.

there are treatment centers ... These are not without controversy. One "center, in Shandong Province, made headlines in September after one of its patients killed her mother in retribution for abuse she had purportedly suffered at the camp during a forced detox regimen." See: Ives, Mike. "Electroshock Therapy For Internet Addicts? China Vows To End It" The New York Times 13 Jan 2017.

<https://www.nytimes.com/2017/01/13/world/asia/china-internet-addiction-electroshock-therapy.html> 23 Apr. 2017.

Fackler, Martin. "In Korea, a Boot Camp Cure for Web Obsession." The New York Times. The New York Times, 17 Nov. 2007. Web. 16 Apr. 2017.

*Taiwan has even gone so far as to legally prohibit screens...*Malm, Sara. "Does YOUR toddler play on an iPad? Taiwan makes it ILLEGAL for parents to let children under two use electronic gadgets... and under-18s must limit use to 'reasonable' lengths." Daily Mail Online. Associated Newspapers, 29 Jan. 2015. Web. 16 Apr. 2017.

*Victoria Dunckley is a child psychiatrist ...*Dunckley, Victoria L. *Reset Your Child's Brain: A Four-Week Plan to End Meltdowns, Raise Grades, and Boost Social Skills by Reversing the Effects of Electronic Screen-Time*. New World Library, 2015.

The 2016 book Glow Kids... Kardaras, Nicholas. *Glow Kids: How Screen Addiction Is Hijacking Our Kids-and How to Break the Trance*. St. Martin's Press, 2016.

Dopamine is released when the brain seeks, detects the possibility of, and receives, a novel reward...
Bromberg-Martin, Ethan S., Masayuki Matsumoto, and Okihide Hikosaka. "Dopamine in Motivational Control: Rewarding, Aversive, and Alerting." *Neuron* 68.5 (2010): 815-34.
Web.

*Studies showing the release of dopamine in video game players' brains date back to at least 1998...*Koepp MJ, Gunn RN, Lawrence AD, et al. "Evidence for striatal dopamine release during a video game." *Nature*. 1998 May 21;393(6682):266-8.

in similar studies, dopamine releases have also been recorded in response to less controversial pleasures ... Van Loon, Glen R., Leonard Schwartz, and Michael J. Sole. "Plasma dopamine responses to standing and exercise in man." *Life sciences* 24.24 (1979): 2273-2277.

; Salimpoor, Valorie N., et al. "Anatomically distinct dopamine release during anticipation and experience of peak emotion to music." *Nature neuroscience* 14.2 (2011): 257-262.; Nolan, Bridgit V., et al. "Tanning as an addictive behavior: a literature review." *Photodermatology, photoimmunology & photomedicine* 25.1 (2009): 12-19.

dopamine levels in the brain are indeed connected to tics... Rolland, Benjamin, Renaud Jardri, Ali Amad, Pierre Thomas, Olivier Cottencin, and Régis Bordet. "Pharmacology of Hallucinations: Several Mechanisms for One Single Symptom?" *BioMed Research International* 2014 (2014): 1-9. Web.

This, along with the typical bright, flashing lights and unpredictable, loud noises.... Must, A., and S. M. Parisi. "Sedentary behavior and sleep: paradoxical effects in association with childhood obesity." *International Journal of Obesity* 33 (2009): n. pag. Web.

older kids are sneaking under the covers... Holson, Laura. "Vamping Teenagers Are Up All Night Texting". *The New York Times* 3 July 2014. Web. 24 Apr. 2017.

Her first study on the topic... Radesky, Jenny S., et al. "Infant self-regulation and early childhood media exposure." *Pediatrics* 133.5 (2014): e1172-e1178.

Expert attribute much of this rise... Hamilton, Jon. "Jump In Autism Cases May Not Mean It's More Prevalent." *NPR*. NPR, 27 Mar. 2014. Web. 10 Apr. 2017.

in one study of 2.5 year olds,... Mazurek, Micah O., and Colleen Wenstrup. "Television, Video Game and Social Media Use Among Children with ASD and Typically Developing Siblings." *Journal of Autism and Developmental Disorders* 43.6 (2012): 1258-271. Web.

in 2006 a single paper ... Waldman, Michael, Sean Nicholson, Nodir Adilov, and John Williams.

"Autism Prevalence and Precipitation Rates in California, Oregon, and Washington Counties." Archives of Pediatrics & Adolescent Medicine 162.11 (2008): 1026. Web.

She authored a paper in 2015 ...Heffler, Karen Frankel and Leonard M. Oestreicher,

"Causation Model of Autism: Audiovisual Brain Specialization in Infancy Competes with Social Brain Networks," Medical Hypotheses 91 (June 2016): 114–22.

Applied Behavior Analysis... According to this meta-analysis, "long-term, comprehensive ABA intervention leads to (positive) medium to large effects in terms of intellectual functioning, language development, acquisition of daily living skills and social functioning in children with autism." Virués-Ortega, Javier. "Applied behavior analytic intervention for autism in early childhood: Meta-analysis, meta-regression and dose–response meta-analysis of multiple outcomes." Clinical psychology review 30.4 (2010): 387-399.

Shannon Rosa... Her blog is at <http://www.squidalicious.com/>.

Ron Suskind...Suskind, Ron. *Life, animated: A story of sidekicks, heroes, and autism*. Disney Electronic Content, 2016.

*A small but intriguing 2014 study...*Uhls, Yalda T., et al. "Five days at outdoor education camp without screens improves preteen skills with nonverbal emotion cues." Computers in Human Behavior 39 (2014): 387-392.

1980s, certain laws prevented toys from being marketed based directly on children's television shows Andrews, Edmund L. "F.C.C. Adopts Limits on TV Ads Aimed at Children." The New York Times. The

New York Times, 09 Apr. 1991. Web. 16 Apr. 2017.

Diane Levin and Nancy Carlsson-Paige ... Carlsson-Paige, Nancy, and Diane E. Levin. *The War Play Dilemma: Balancing Needs and Values in the Early Childhood Classroom*. Teachers College Press, Teachers College, Columbia University, New York, NY 10027, 1987; Carlsson-Paige, Nancy. *Taking back childhood: Helping your kids thrive in a fast-paced, media-saturated, violence-filled world*. Hudson Street Press, 2008.

A representative study in this field... Coyne, Sarah M., et al. "Pretty as a Princess: Longitudinal Effects of Engagement With Disney Princesses on Gender Stereotypes, Body Esteem, and Prosocial Behavior in Children." *Child Development* (2016).

High school graduation ...Jennifer L., Joanna H. Fox., et al. Building a grad nation: progress and challenge in ending the high school dropout epidemic . Rep. John Hopkins University, 4 Oct. 2016. Web. 16 Apr. 2017.

Teen car crash rates are down since 1999 "Teenagers." IIHS. N.p., n.d. Web. 16 Apr. 2017.

<<http://www.iihs.org/iihs/topics/t/teenagers/fatalityfacts/teenagers>>.

Dangerous drug and alcohol use has plunged...Abuse, National Institute on Drug. "Monitoring the Future Survey: High School and Youth Trends." NIDA. N.p., n.d. Web. 16 Apr. 2017.

Teen pregnancy rates are down 44 percent since 1991..."Trends in Teen Pregnancy and Childbearing." HHS.gov. U.S. Department of Health and Human Services, 02 June 2016. Web. 16 Apr. 2017.

Compared to the 1990s, fewer high school students have had sex, are having sex, and started having sex before age 13. "YRBSS | Youth Risk Behavior Surveillance System |

Data | Adolescent And School Health | CDC". Centers for Disease Control. N.p., 2017.

https://www.cdc.gov/healthyyouth/data/yrbs/pdf/trends/2015_us_sexual_trend_yrbs.pdf

HIV rates are down...Kachur, R., Mesnick, J., et al. United States. Centers for Disease Control and Prevention Adolescents, Technology, and Reducing Risk for HIV, STDS, and Pregnancy. Atlanta, GA. 2013. Web.

*Crimes Against Children Research Center reports a 62% decline in sexual abuse of children..*Finkelhor, David, and Jones, Lisa. "Have sexual abuse and physical abuse declined since the 1990s?." Crimes Against Children Research Center, Nov. 2012.

*Bureau of Justice Statistics reported a 64 percent drop in sexual violence...*Planty, Michael, Lynn Langton, et al. Female Victims of Sexual Violence, 1994-2010. Rep: U.S. Department of Justice, March 2013. Web.

Arrests of teens for all crimes ..."Juvenile Arrest Rates." Juvenile Arrest Rates. U.S. Department of Justice Office of Juvenile Justice and Delinquency Prevention, n.d. Web. 10 Apr. 2017.

The incidence of eating disorders appears stable.."Overview and Statistics." National Eating Disorders Association. N.p., n.d. Web. 19 Apr. 2017.

<<https://www.nationaleatingdisorders.org/learn/by-eating-disorder/osfed/overview>>.

On a national health survey given annually by the CDC...Summary Health Statistics: National Health Interview Survey, 2015.

only about 7 percent of teens in one large survey ..."How Many Teens Are Actually Sexting?"

CiPHR. Center for Innovative Public Health Research, 26 Jan. 2015. Web. 10 Apr. 2017.

*In a second, retrospective survey that came out in 2015...*Englander, Elizabeth. "Coerced

Sexting and Revenge Porn Among Teens." Virtual Commons. Bridgewater State University, 2015. Web. 10 Apr. 2017.

most recent nationally representative federal survey..." Student reports of bullying and cyber-bullying: Results from the 2013 School Crime Supplement to the National Crime Victimization Survey." National Center for Education Statistics. U.S. Department of Education. April 2015. <https://nces.ed.gov/pubs2015/2015056.pdf> Accessed 23 April 2017.

A second national survey published in 2016... Lenhart, Amanda, et.al. "Online Harassment, Digital Abuse, and Cyberstalking In America." Data&Society Research Institute. 21 Nov. 2016.

https://www.datasociety.net/pubs/oh/Online_Harassment_2016.pdf Accessed 23 April 2017.

danah boyd, the author of *It's Complicated: The Social Lives Of Networked Teens* Boyd, Danah. *It's complicated: The social lives of networked teens*. Yale University Press, 2014.

More social media use does correlate ... O'keeffe, G. S., and K. Clarke-Pearson. "The Impact of Social Media on Children, Adolescents, and Families." *Pediatrics* 127.4 (2011): 800-04. Web.

a striking rise in self-reports of narcissism and a decline in empathy... Twenge, Jean M., et al. "Egos inflating over time: A cross-temporal meta-analysis of the Narcissistic Personality Inventory." *Journal of personality* 76.4 (2008): 875-902.

Sara Konrath at the University of Michigan... Konrath, Sara H., Edward H. O'Brien, and Courtney Hsing. "Changes in dispositional empathy in American college students over

time: A meta-analysis." *Personality and Social Psychology Review* (2010).

separate studies show that more narcissistic people tend to post on social media more often ... such as Buffardi, L. E., and W. K. Campbell. "Narcissism and Social Networking Web Sites." *Personality and Social Psychology Bulletin* 34.10 (2008): 1303-314. Web. AND Taylor, David G., and David Strutton. "Does Facebook usage lead to conspicuous consumption?" *Journal of Research in Interactive Marketing* 10.3 (2016): 231-48. Web.

undergraduates using Snapchat ...Bayer, Joseph B., et al. "Sharing the small moments: ephemeral social interaction on Snapchat." *Information, Communication & Society* 19.7 (2016): 956-977.

"American Academy Of Pediatrics Announces New Recommendations For Children's Media Use". *American Academy of Pediatrics*. 21 October 2016. Web. 24 Apr. 2017.

a couple of small observational studies suggest that infants as young as six months old can tell the difference between a live Skype exchange with Grandma...McClure, Elisabeth, and Rachel Barr. "Building family relationships from a distance: Supporting connections with babies and toddlers using video and video chat." *Media Exposure During Infancy and Early Childhood*. Springer International Publishing, 2017. 227-248.

The AAP cites some very small studies that even **toddlers of 15 months** Richert RA, et al.

Word learning from baby videos. *Arch Pediatr Adolesc Med*. 2010;164(5):432-437pmid:20194251

Chapter 4

*In several huge studies, watching Sesame Street has been found to be almost as good as attending preschool...*Eg. Kearney, Melissa, and Phillip Levine. "Early Childhood Education by MOOC: Lessons from Sesame Street." National Bureau of Economic Research Working Papers (2015): n. pag. Web. 16 Apr. 2017.

*A newer study by Eric Rasmussen...*Rasmussen, Eric E., et al. "Relation between active mediation, exposure to Daniel Tiger's Neighborhood, and US preschoolers' social and emotional development." Journal of Children and Media (2016): 1-19.

In the past decade and a half, Kirkorian, Heather L., Ellen A. Wartella, and Daniel R. Anderson. "Media and young children's learning." The Future of Children 18.1 (2008): 39-61. ; Fisch, Shalom M., H. Kirkorian, and D. Anderson. "Transfer of learning in informal education." Transfer of learning: Research and perspectives (2005): 371-393. (BOOK) Kirkorian, Heather L., and Daniel R. Anderson. "Learning from educational media." The handbook of children, media, and development (2008): 188-213.

*Fast-paced video games have been shown to improve reading speed...*Franceschini, Sandro, Simone Gori, Milena Ruffino, Simona Viola, Massimo Molteni, and Andrea Facoetti. "Action Video Games Make Dyslexic Children Read Better." Current Biology 23.6 (2013): 462-66. Web.

Fast-paced video games ...Green, C.s., and D. Bavelier. "Learning, Attentional Control,

and Action Video Games." *Current Biology* 22.6 (2012). Web.

*Active video games...*Rowland, J. L., and L. A. Malone., et al. "Perspectives on Active Video Gaming as a New Frontier in Accessible Physical Activity for Youth With Physical Disabilities." *Physical Therapy* 96.4 (2015): 521-32. Web.

*Video games that resemble biofeedback ...*Mishra, Jyoti et al. Video Games for Neuro-Cognitive Optimization. *Neuron*, 20 April 2016, Vol.90(2), pp.214-218

*In one game, instead of crashing a fast car...*Carey, Bjorn. "Stanford experiment shows that virtual superpowers encourage real-world empathy." *Stanford University*. 31 Jan. 2013. Web. 17 Apr. 2017.

Other VR simulations are being tested ... Law, Emily F., et al. "Videogame distraction using virtual reality technology for children experiencing cold pressor pain: the role of cognitive processing." *Journal of pediatric psychology* 36.1 (2011): 84-94.

"Technology is neither good nor bad; nor is it neutral,"... Kranzberg, Melvin. "Technology and History:" *Kranzberg's Laws*." *Technology and culture* 27.3 (1986): 544-560. Worth reading in its entirety. I also recommend Sacasas, L.M. "Kranzberg's Six Laws of Technology, A Metaphor, And A Story." August 25, 2011. Blog.

<https://thefrailestthing.com/2011/08/25/kranzbergs-six-laws-of-technology-a-metaphor-and-a-story/>

Chapter 5

2016 Nielsen figures for adults show an average of 11 hours and 12 minutes of use per day, including 6.5 hours of TV and movies; not necessarily including work-related use.

"The Nielsen Total Audience Report: Q4 2016". *Nielsen.com*. Web. 25 Apr. 2017.

Similarly, Common Sense Media found in 2016 that parents, specifically, used almost 9 hours of media a day, 82 percent of which was personal, not work-related.

"The Common Sense Census: Plugged-In Parents Of Tweens And Teens 2016 | Common Sense Media". *Commonsensemedia.org*. Web. 25 Apr. 2017.

A blogger who uses the handle "NarrowbackSlacker" ...NarrowbackSlacker. "How I limited screen time by offering my kids unlimited screen time." Narrowback Slacker., 13 June 2015. Web. 07 Apr. 2017.

Lynn Schofield Clark, a media critic... Clark, Lynn Schofield. *The parent app: Understanding families in the digital age*. Oxford University Press, 2013.

A 2014 study gave parents information and counseling on the harmful effects of screentime, along with alternatives for spending time together. Parents were instructed to take the TV out of their kids' bedroom and to place "no screen" signs on other screens around the house. ...Maddison R, Marsh S, Foley L, et al. Screen-Time Weight-loss Intervention Targeting Children at Home (SWITCH): a randomized controlled trial. *The International Journal of Behavioral Nutrition and Physical Activity*. 2014;11:111.

doi:10.1186/s12966-014-0111-2.

Also see: Wu, Lei et al. "The Effect of Interventions Targeting Screen Time Reduction: A Systematic Review and Meta-Analysis." Ed. Antonio Palazon-Bru. *Medicine* 95.27 (2016): e4029. *PMC*. Web. 25 Apr. 2017.

Chapter 6

Mark Zuckerberg or Bill Gates...

In "A Letter to Our Daughter", Facebook founder Zuckerberg and his wife, Priscilla Chan, pledged to give away 99 percent of their Facebook shares or \$45 billion to a variety of causes including "personalized learning." "Can you learn and experience 100 times more than we do today?" they asked their infant daughter. "You'll have technology that understands how you learn best and where you need to focus. You'll advance quickly in subjects that interest you most, and get as much help as you need in your most challenging areas...personalized learning can be one scalable way to give all children a better education and more equal opportunity."

Zuckerberg, Mark and Priscilla Chan. "A Letter To Our Daughter". 1 December 2015. *Facebook.com*. 27 Apr. 2017.

<https://www.facebook.com/notes/mark-zuckerberg/a-letter-to-our-daughter/10>

[153375081581634/](https://www.fastcompany.com/3006708/creative-conversations/bill-gates-gives-sxsw-education-conference-keynote-cites-9-billion-tipping-point-in-education)

In a 2013 keynote at the South by Southwest Education ed-tech conference, Bill Gates of Microsoft noted, “In just the past few years technology has finally become part of our schools in a big way, and it’s only getting bigger.”

Kamenetz, Anya. “Bill Gates Gives South By Southwest Education Conference Keynote, Cites \$9 Billion ‘Tipping Point’ In Education.” *Fast Company* 6 March 2013.

[https://www.fastcompany.com/3006708/creative-conversations/bill-gates-gives-sxsw-education-conference-keynote-cites-9-billion-ti](https://www.fastcompany.com/3006708/creative-conversations/bill-gates-gives-sxsw-education-conference-keynote-cites-9-billion-tipping-point-in-education)

a magical “robot tutor in the sky,” Westervelt, Eric. "Meet The Mind-Reading Robo Tutor In The Sky." NPR. NPR, 13 Oct. 2015. Web. 18 Apr. 2017.

In the early 1960s, a South African mathematician named Seymour Papert...Kamenetz, Anya "Remembering A Thinker Who Thought About Thinking". 5 August 2016. NPR.org. Web. 27 Apr. 2017.

“Every seventh grader should have a laptop computer because everybody should have a laptop computer,” ..."Seymour Papert At Bates College - 2000". *Vimeo*.

<https://vimeo.com/9106174> 27 Apr. 2017. Found via The Daily Papert, a rich multimedia archive of Papert’s works maintained by Gary Stager.

Hirsh-Pasek is the lead author of a widely cited 2015 paper...Hirsh-Pasek, Kathy, et al. "Putting education in "educational" apps: lessons from the science of learning." *Psychological Science in the Public Interest* 16.1 (2015): 3-34.

For example, in one study, when adults were tasked with learning how to tie a nautical knot via video...Schwan, Stephan, and Roland Riempp. "The cognitive benefits of interactive videos: Learning to tie nautical knots." *Learning and Instruction* 14.3 (2004): 293-305.

For example, a 2013 study by Hirsh-Pasek...Parish-Morris, Julia, Neha Mahajan, Kathy Hirsh-Pasek, Roberta Michnick Golinkoff, and Molly Fuller Collins. "Once Upon a Time: Parent-Child Dialogue and Storybook Reading in the Electronic Era." *Mind, Brain, and Education* 7.3 (2013): 200-11. Web. 19 Apr. 2017.

Parasocial relationships ... Alice Ann Howard Gola , Melissa N. Richards , Alexis R. Lauricella & Sandra L. Calvert (2013) Building Meaningful Parasocial Relationships Between Toddlers and Media Characters to Teach Early Mathematical Skills, *Media Psychology*, 16:4, 390-411

Children's Technology Review, "Children's Technology Review". *Childrenstech.com*. Web. 27 Apr. 2017.

Common Sense Media, "Common Sense Media." <https://www.commonsensemedia.org/> Web. 27 Apr 2017.

The Programme for International Student Assessment ... Actually 1.8 to 1. "Students, Computers and Learning: Making the Connection." United States Country Notes. Organization for Economic Cooperation and Development. <http://www.oecd.org/pisa/keyfindings/PISA-2012-students-computers-us.pdf> Web.

Accessed 27 Apr. 2017.

In 2016 alone, U.S. K-12 districts bought **12.6 million** devices "Futuresource Press - Sales Of Mobile PC Into The US K-12 Education Market Continue To Grow".

Futuresource-consulting.com. 2 March 2017. Web. 27 Apr. 2017.

Google Apps for Education (GAFE) may be the most popular software tools used in schools today, with 70 million users as of 2017...Wiggers, Kyle. "Google's G Suite for Education app platform now has over 70 million users." Digital Trends. 24 January 2017.

<http://www.digitaltrends.com/web/google-g-suite-70-million/>. 27 Apr. 2017

the classroom market share of Apple products, for example, fell dramatically ...Leswing, Kif. "Apple iPads are getting crushed in a key market by what Tim Cook calls 'test machines'" Business Insider. Business Insider, 04 June 2016. Web. 19 Apr. 2017.

Clever is in use by about a third of school districts...Kamenetz, Anya. "One-Third of School Districts Are Using This App You've Never Heard Of." NPR.org 27 August 2015.

In a large 2014 survey..."PRIMARY SOURCES Third Edition." Primary Sources, Third Edition. Scholastic, n.d. Web. 16 Sept. 2016.

But a comprehensive 2015 report by the Programme for International Student Assessment ...Peña-López, Ismael. "Students, Computers and Learning. Making the Connection." (2015).

Neil Selwyn is a professor of education ... Selwyn, Neil, and Scott Bulfin. "Exploring school

regulation of students' technology use—rules that are made to be broken?." Educational Review 68.3 (2016): 274-290.

Sonia Livingstone published a book in 2016, *The Class: Living and Learning in the Digital Age*...Livingstone, Sonia, and Julian Sefton-Green. *The class: Living and learning in the digital age*. NYU Press, 2016.

Today, almost 200,000 children and teenagers attend for-profit, fully online K-12 charter schools ...Miron, Gary, and Charisse Gulosino. Virtual Schools Report 2016. Rep. National Education Policy Center, 2016. Web. 18 Apr. 2017.

Even the charter school lobby has called for many to be shut down..."A Call To Action To Improve The Quality Of Full-Time Virtual Charter Public Schools." National Alliance For Public Charter Schools. June 2016.

all over Africa and Asia, chains of for-profit schools like Bridge International Academy...Stewart, Catrina. "Bridge International Academies: Scripted schooling for \$6 a month is an audacious answer to educating the poorest children across Africa and Asia." The Independent. Independent Digital News and Media, 28 July 2015. Web. 18 Apr. 2017.

the nation of Liberia, incredibly, outsourced their entire public school system to Bridge Academy beginning in 2016...Brown-Martin, Graham. "Education in Africa: The Uberfication of Education by Bridge International Academies." Learning {Re}imagined. Medium, 20 June 2016. Web. 18 Apr. 2017.

80 percent of brick-and-mortar charter schools... Zernike, Kate. "How Trump's Education Nominee Bent Detroit to Her Will on Charter Schools." The New York Times. The New York Times, 12 Dec. 2016. Web. 18 Apr. 2017.

In February 2016, the University of Central Florida... Russon, Gabrielle. "Hack at UCF compromises 63,000 Social Security numbers." OrlandoSentinel.com. Avido Khahaifa, 04 Feb. 2016. Web. 18 Apr. 2017.

Most current agreements ... Gebhart, Gennie. "Spying on Students: School-Issued Devices and Student Privacy." Electronic Frontier Foundation. N.p., 13 Apr. 2017. Web. 18 Apr. 2017.

One such security program I reported on for NPR, ... Kamenetz, Anya. "Software Flags 'Suicidal' Students, Presenting Privacy Dilemma." NPR.org. 28 March 2016.

the Electronic Privacy Information Center's... <https://epic.org/privacy/student/>

In 2009, at a migrant-worker camp in Baja California, Mexico, ... Kamenetz, Anya. "A is For App: How Smartphones, Handheld Computers Sparked An Educational Revolution." *Fast Company*. 1 April 2010.

World Maker Faire in Queens in 2014... Kamenetz Anya. "Three Rs for the Digital ge: Rockets, Robots And Remote Control." NPR.org. 24 September 2014.

<http://www.npr.org/sections/ed/2014/09/24/350645620/three-r-s-for-the-digital-age-rocke>

[ts-robots-and-remote-control](#) 27 Apr. 2017.

in the fall of 2015...Kamenetz, Anya. "E is For Experimental and Entrepreneur."

NPR.org.

<http://www.npr.org/sections/ed/2015/11/13/454313355/the-incubator-school-e-is-for-experimental-entrepreneur>

Computer Science Teachers Association...Kamenetz, Anya. "The President Wants Every Student To Learn Computer Science. How Would That Work?" NPR.org. 12 January 2016.

<http://www.npr.org/sections/ed/2016/01/12/462698966/the-president-wants-every-student-to-learn-computer-science-how-would-that-work> 27 Apr. 2017.

ScratchJr, intended for those as young as 5, has been downloaded over 1.5 million times...Kamenetz, Anya. "A Kids' Coding Expert Says We're Making Computer Class Way Too Boring." 11 December 2015. NPR.

<http://www.npr.org/sections/ed/2015/12/11/458782056/a-kids-coding-expert-says-were-making-computer-class-way-too-boring>

Marina Umaschi Bers...Kazakoff, Elizabeth R., and Marina Umaschi Bers. "Put Your Robot in, Put Your Robot out: Sequencing through Programming Robots in Early Childhood." *Journal of Educational Computing Research* 50.4 (2014): 553-573.

Chapter 7

If you were wise enough to know... July, Miranda. *The First Bad Man: A Novel*. Simon and Schuster, 2015.

Now you are pushing your baby in the swing....Ferguson, Tonya. "Dear Mom on the iPhone,". 14 November 2012. *4LittleFergusons*.

<https://4littlefergusons.wordpress.com/2012/11/14/dear-mom-on-the-iphone/>

Millennial parents, in particular, spend..."Millennials Grow Up: New Study Explores the First Generation of Digitally Native Moms & Dads." Crowdtap, 26 January 2016.

<http://www.businesswire.com/news/home/20160126006022/en/Millennials-Grow-Study-Explores-Generati-on-Digitally-Native>

As my friend Jennifer Bleyer...Bleyer, Jennifer. "I Need My Cell Phone, But It Doesn't Make Me A Bad Parent. *Babble.com*. 13 July 2011.

She got worldwide media coverage...Radesky, Jenny S., et al. "Patterns of mobile device use by caregivers and children during meals in fast food restaurants." *Pediatrics* (2014): peds-2013.

"parents who watch more TV have kids who watch more TV"...Bleakley, Amy, Amy B. Jordan, and Michael Hennessy. "The relationship between parents' and children's television viewing." *Pediatrics*

132.2 (2013): e364-e371.

In June of 2015, three siblings drowned... "Mom Arrested After Children Drowned Bonds Out of Jail". CBS DFW. 10 July 2015.

<http://dfw.cbslocal.com/2015/07/10/family-supports-mom-arrested-after-children-drowned/>

Between 2007, when the iPhone was introduced..."The Perils of Texting While Parenting". Wall Street Journal. 29 Sept 2012.

In a paper published in 2014, Craig Palsson...Palsson, Craig. "That Smarts!: Smartphones and Child Injuries." Department of Economics, Yale (2014).

Car crashes...Borse, Nagesh N., Julie Gilchrist, Ann M. Dellinger, et al. CDC Childhood Injury Report: Patterns of Unintentional Injuries Among 0-19 year olds in the United States, 2000-2006. Rep. Atlanta, GA: Centers for Disease Control and Prevention, 2008. Web. 18 April, 2017.

cell phones are currently estimated...Kratsas, Gabrielle. "Cellphone use causes over 1 in 4 car accidents." USA Today. Gannett Satellite Information Network, 28 Mar. 2014. Web. 19 Apr. 2017.

Traffic deaths have been trending upward...Boudette, Neal E. "U.S. Traffic Deaths Rise for a Second Straight Year." *The New York Times*. The New York Times, 15 Feb. 2017. Web. 19 Apr. 2017.

Meanwhile, in a 2014 survey, 90 percent...Macy, Michelle L., et al. "Potential distractions and unsafe driving behaviors among drivers of 1-to 12-year-old children." *Academic pediatrics* 14.3 (2014): 279-286.

There is a video of a psychological experiment...Source: UMass Boston. "Still Face Experiment: Dr. Edward Tronick". Youtube. 30 Nov. 2009.

<https://www.youtube.com/watch?v=apzXGEbZht0>

Research since the 70s...Tronick, Edward, et al. "The infant's response to entrapment between contradictory messages in face-to-face interaction." *Journal of the American Academy of Child psychiatry* 17.1 (1978): 1-13.

Research by Dimitri Christakis...Christakis, Dimitri A., Jill Gilkerson, Jeffrey A. Richards, Frederick J. Zimmerman, Michelle M. Garrison, Dongxin Xu, Sharmistha Gray, and Umit Yapanel. "Audible Television and Decreased Adult Words, Infant Vocalizations, and Conversational Turns." *Archives of Pediatrics & Adolescent Medicine* 163.6 (2009): 554. Web.

we know that they are both more likely to keep the television on during the day...Christakis, Dimitri A., et al. "Television, video, and computer game usage in children under 11 years of age." *The Journal of pediatrics* 145.5 (2004): 652-656.

parenting styles that emphasize compliance...Cheadle, Jacob E., and Paul R. Amato. "A quantitative assessment of Lareau's qualitative conclusions about class, race, and parenting." *Journal of family Issues* 32.5 (2011): 679-706.

immigrant families have found that they prefer to expose their kids to English...Calvert, Sandra L., et al. "Interaction and participation for young Hispanic and Caucasian girls' and boys' learning of media content." *Media Psychology* 9.2 (2007): 431-445.

A small 2014 study showed people getting an average of 63.5 notifications a day,...Pielot, Martin, Karen Church, and Rodrigo De Oliveira. "An in-situ study of mobile phone notifications." Proceedings of the 16th international conference on Human-computer interaction with mobile devices & services. ACM, 2014.

Natasha Dow Schull's 2013 book *Addiction by Design: Machine Gambling in Las Vegas*
Schüll, Natasha Dow. *Addiction by design: Machine gambling in Las Vegas*. Princeton University Press, 2012.

Winnicott...She "starts off with an almost complete adaptation to her infant's needs, and as time proceeds she adapts less and less completely, gradually, according to the infant's growing ability to deal with her failure." Ratnapalan, Savithiri, and Helen Batty. "To be good enough." *Canadian Family Physician* 55.3 (2009): 239-240.

Sharon Hays, in her 1996 book "The Cultural Contradictions of Motherhood," Hays,
Sharon. *The cultural contradictions of motherhood*. Yale University Press, 1998.

“A child-centered, expert-guided, Johnston, Deirdre D., and Debra H. Swanson. "Constructing the “good mother”: The experience of mothering ideologies by work status." *Sex roles* 54.7-8 (2006): 509-519.

Sociologist Annette Lareau focused on the related idea... Lareau, Annette. "Unequal childhoods: Race, class and family life." Berkeley: University of California Press (2003).

David Lancy's *The Anthropology of Childhood : Cherubs, Chattel, Changelings...*Lancy, David F. *The anthropology of childhood: Cherubs, chattel, changelings.* Cambridge University Press, 2014.

“Attachment parenting”. Sears, William, and Martha Sears. *The attachment parenting book: A commonsense guide to understanding and nurturing your baby.* Little, Brown, 2001.

Attachment Parenting International calls these practices “our biological imperative...’instinctual.’” “API’s Eight Principles Of Parenting.” Attachment Parenting International. <http://www.attachmentparenting.org/principles/api>

just over half of American children are growing up at or near the poverty line... “Basic Facts about Low-Income Children Report.” 2 Mar 2016. National Center for Children in Poverty (NCCP). Columbia University Mailman School of Public Health.

We are the only developed country with no guaranteed paid maternity leave, ...and one of nine countries with no paternity leave... “Parental leave: Where are the fathers?”

Organization for Economic Cooperation and Development Policy Brief. March 2016.

<https://www.oecd.org/policy-briefs/parental-leave-where-are-the-fathers.pdf>

the only one with no guaranteed paid sick leave... 145 countries mandate some paid vacation days. Earle, Alison, Jeffrey Hayes, and Jody Heymann. "Work, Family, and Equity Index: How Does the United States Measure Up, The." (2007).

the only one with no mandated vacation days, E.M. Hess Alexander. “On holiday: Countries with the most vacation days.” *USA Today*. 8 Jun 2013.

<https://www.usatoday.com/story/money/business/2013/06/08/countries-most-vacation-days/2400193/>

“Our best – and very time-consuming – ideas about how to raise a child have arrived on the scene at a very awkward moment,...de Botton, Alain et al. “The Sorrows of Work.”

The Book of Life. <http://www.thebookoflife.org/the-sorrows-of-competition/>

Two-thirds of workers tell Gallup pollsters... Harter, Jim. “Should Employers Ban Email After Work Hours?”. Gallup Organization. 9 Sep 2014.

<http://www.gallup.com/businessjournal/175670/employers-ban-email-work-hours.aspx>

Labor regulators are considering cracking down on this practice,...same.

“Put the cellphone away! Fragmented baby care can affect brain development,” was the headline of the press release put out by the University of California at Irvine...“Put the cellphone away! Fragmented baby care can affect brain development” 5 Jan 2016. University of California, Irvine.

<https://news.uci.edu/health/put-the-cellphone-away-fragmented-baby-care-can-affect-brain-development/>

The witness’s statement that Allen was texting...Ragland, James. “Irving mother of three drowned children still grieving, and fighting to get surviving kids back home.”

Dallas Morning News 17 Nov. 2015.

Certified nurses’ aide, a job that pays about \$27,000 a year in Dallas... Douglas, Jim.

“Drowning victims’ mom: ‘They can swim. I can swim.’” *The Journal News*. 10 Aug 2015. Salary information via Payscale.com.

Postnatal insomnia...eg Swanson, Leslie M., et al. "An open pilot of cognitive-behavioral therapy for insomnia in women with postpartum depression." *Behavioral sleep medicine* 11.4 (2013): 297-307.

mothers multitask more...Offer, S., and B. Schneider. "Revisiting the Gender Gap in Time-Use Patterns: Multitasking and Well-Being among Mothers and Fathers in Dual-Earner Families." *American Sociological Review* 76.6 (2011): 809-33. Web.

*More Work For Mother:...*Cowan, Ruth Schwartz. More work for mother: The ironies of household technology from the open hearth to the microwave. Vol. 5131. Basic Books, 1983.

Time use studies since the 1960s... "Parental Time Use." Pew Research

Center.<http://www.pewresearch.org/data-trend/society-and-demographics/parental-time-use/>

Adrienne Rich published *Of Woman Born*...Rich, Adrienne. Of woman born: Motherhood as experience and institution. WW Norton & Company, 1995.

Dear Parent: Caring For Infants With Respect...Gerber, Magda. *Dear parent: Caring for infants with respect*. Resources for Infant Educators, 1998.

Janet Lansbury... "Janet Lansbury's Respectful Parenting Guide."

<http://www.janetlansbury.com/>

Chapter 8

A 2013 market research study..."Report finds pregnancy apps more popular than fitness apps".

MobiHealthNews. 14 Feb 2013.

<http://www.mobihealthnews.com/20333/report-finds-pregnancy-apps-more-popular-than-fitness-apps>

new mothers in America post 2.5 times more status updates... Heine, Christopher. "You

Already Knew Parents Post on Facebook More Than Others. Now Find Out How Much.“

11 January 2016. *Adweek*.

<http://www.adweek.com/digital/you-already-knew-parents-post-facebook-more-others-now-find-out-how-much-168932/>

*A 2016 survey by a UK-based nonprofit...*Blum-Ross, Alicia. “Sharenting:’ Parent bloggers and managing children’s digital footprints.” *Parenting for a Digital Future*. 17 June 2015.

<http://blogs.lse.ac.uk/parenting4digitalfuture/2015/06/17/managing-your-childs-digital-footprint-and-or-parent-bloggers-ahead-of-brit-mums-on-the-20th-of-june/>

In a Pew poll released in the winter of 2015...“Parenting in America: Outlook, worries, aspirations are strongly linked to financial situation” Pew Research Center, 17 December 2015.

“On some accounts the play takes on a more malicious tone,” ... Miller, Blake. “The Creepiest New Corner of Instagram.” *Fast Company*. 23 September 2014.

<https://www.fastcompany.com/3036073/the-creepiest-new-corner-of-instagram-role-playing-with-stolen-baby-photos>

Lacey Spears was sentenced to 20 years in prison...Higgins, Lee. “Lacey Spears Gets 20 Years In Son’s Poisoning Death.” *The Journal News*. 7 April 2015.

<http://www.lohud.com/story/news/crime/2015/04/07/lacey-spears-sentenced-death-son-poison-court-rockland-new-york/25431741/>

“Munchausen by proxy.”...Scholars have also coined the term “Munchausen by Internet”

to describe people who fake illnesses online, either their own or family members', in an apparent bid for sympathy and attention. Feldman, Marc D. "Munchausen by Internet: detecting factitious illness and crisis on the Internet." *Southern Medical Journal* 93.7 (2000): 669-672.

If the disease is caught before symptoms appear, it can be cured...Duffner, Patricia K., et al. "Newborn screening for Krabbe disease: the New York State model." *Pediatric neurology* 40.4 (2009): 245-252.

"How wrong am I to flip off my sleeping infant? A philosophical inquiry." Sample quote: "The reasons I take and post these pictures are varied. I crave emotional release after hours of increasingly desperate nursing, jiggling, rocking, walking, and, my personal favorite, walk-nursing (all wriggling, self-torpedoing 22 pounds of her)." Schuman, Rebecca. Slate. 26 August 2015. http://www.slate.com/articles/life/family/2015/08/i_give_my_baby_the_middle_finger_parenting_ethics_101.html

This is a phenomenon that scholars of social media, including danah boyd and Alice Marwick, have dubbed "context collapse." Marwick, Alice E., and Danah Boyd. "I tweet honestly, I tweet passionately: Twitter users, context collapse, and the imagined audience." *New media & society* 13.1 (2011): 114-133. Quote: "Some techniques of audience management resemble the practices of 'micro-celebrity' and personal branding, both strategic self-commodification."

Lindy West ... "If You Don't Have Anything Nice To Say, Say IT IN ALL CAPS" *This*

American Life 23 January 2015.

<https://www.thisamericanlife.org/radio-archives/episode/545/if-you-dont-have-anything-nice-to-say-say-it-in-all-caps>

West nonetheless announced that she'd quit Twitter...West, Lindy. "I've Left Twitter. It Is Unusable For Anyone But Trolls, Robots And Dictators." *The Guardian*. 3 January 2017.

<https://www.theguardian.com/commentisfree/2017/jan/03/ive-left-twitter-unusable-anyone-but-trolls-robots-dictators-lindy-west>

These companies enjoy immunity under US law from the consequences of defamatory and offensive speech posted by their users..."Section 230 of the Communications Decency Act." Electronic Frontier Foundation. <https://www.eff.org/issues/cda230>
Accessed 27 Apr. 2017.

Law enforcement is often ill-informed...Talbot, Margaret. "The Attorney Fighting Revenge Porn." *The New Yorker*. 5 December 2016.

<http://www.newyorker.com/magazine/2016/12/05/the-attorney-fighting-revenge-porn>

Katherine Clark, a Democratic congressperson...Friedman, Ann. "Trolls Have Swatted, Doxxed, And Threatened To Kill Katherine Clark. She's Still Going After Them." *Elle*. 13 July 2016.

<http://www.elle.com/culture/tech/a37728/katherine-clark-harassment-abuse-legislation/>

“What if my bad parenting choices go viral?”...Schuman, Rebecca. “I Am Terrified Of Taking My Child Literally Anywhere.” *Slate*. 25 July 2015.

http://www.slate.com/articles/life/family/2015/07/crying_toddler_in_maine_diner_i_m_afraid_my_parenting_could_go_viral_too.html

A single study published in a prominent British medical journal, *The Lancet*, in 1998 purported to show a link between the measles, mumps and rubella vaccine and autism spectrum disorders....Ford, Matt. "The Lancet retracts paper linking MMR vaccines and autism." *Ars Technica*. Condé Nast, 03 Feb. 2010. Web. 19 Apr. 2017.

Vaccination rates have dropped dramatically in a handful of states...McCoy, Charles. “Why Are Vaccination Rates Dropping In America?” *The New Republic*. 24 July 2015.

<https://newrepublic.com/article/122367/why-are-vaccination-rates-dropping-america>

Cases of measles, considered eliminated in the year 2000, have rebounded...Wenner Moyer, Melinda. “Measles And Mumps Rebound.” *Discover*. January-February 2013.

<http://discovermagazine.com/2013/jan-feb/57-measles-and-mumps-rebound>

The president, who has a strong affinity for conspiracy theories, has played host to Kennedy ... Allen, Arthur. “RFK Jr. says Trump still wants 'vaccine safety commission'.” 15 February 2017.

<http://www.politico.com/story/2017/02/robert-f-kennedy-jr-trump-vaccine-safety-commission-235058>

the media reported that someone infected with measles had ridden the BART metro system, potentially exposing thousands of other people to the disease. .. Allday, Erin.

“Peninsula BART rider with measles exposes other passengers.” *San Francisco Chronicle*. 26 February 2015.

<http://www.sfgate.com/bayarea/article/A-Peninsula-BART-rider-with-measles-may-have-6103759.php>

Diresta argued in a 2016 piece for *Fast Company*...Diresta, Renee. “Social Network Algorithms Are Distorting Reality By Boosting Conspiracy Theories.” 11 May 2016. *Fast Company*.

<https://www.fastcompany.com/3059742/social-network-algorithms-are-distorting-reality-by-boosting-conspiracy-theories>

In 2015 Google announced ... They noted that 1 in 20 searches are health-related. “A remedy for your health-related questions: health info in the Knowledge Graph.” Official Google Blog. 10 February 2015. <https://googleblog.blogspot.com/2015/02/health-info-knowledge-graph.html>

According to the *Financial Times*... “Financial worth of data comes in at under a penny a piece” *Financial Times*. 12 Jun 2013.

This is why companies like Target... Duhigg, Charles. “How Companies Learn Your Secrets.” *The New York Times Magazine* 16 February 2012.

<http://www.nytimes.com/2012/02/19/magazine/shopping-habits.html>

“In the world of contemporary Internet companies, personal data reigns supreme,”

Vertesi, Janet. "How Evasion Matters: Implications from Surfacing Data Tracking Online." *Interface* 1.1 (2015): 13.

Time.com, ...Vertesi, Janet. "My Experiment Opting Out of Big Data Made Me Look Like a Criminal." *Time*. 30 April 2014.

<http://time.com/83200/privacy-internet-big-data-opt-out/>

French and German police have publicly warned parents against posting embarrassing

... "German Police Warn Parents Over Facebook Pictures of Children." *BBC*. 15

October 2015. <http://www.bbc.com/news/technology-34539059>

; Chazan, David. "French Parents 'Could Be Jailed' For Posting Children's Photos Online". *Telegraph.co.uk*. 1 Mar 2016 Web. 27 Apr. 2017.

A University of Michigan study in 2016... Hiniker, Alexis, Sarita Y. Schoenebeck, and Julie

A. Kientz. "Not at the dinner table: parents' and children's perspectives on family technology rules."

Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work & Social Computing. ACM, 2016.

In a 2016 review of the research on parenting and social media...Lupton, Deborah,

Sarah Pedersen, and Gareth M. Thomas. "Parenting and digital media: from the early web to

contemporary digital society." *Sociology Compass* 10.8 (2016): 730-743.

One of the articles calling him out... Overland, Haley. "Ryan Reynolds Slammed For Making A Parenting Mistake." *Today's Parent*. 8 July 2015.

<https://www.todaysparent.com/blogs/ryan-reynolds-parenting/>

The Huffington Post ... Segal, David. "Arianna Huffington's Improbable, Insatiable Content Machine." *The New York Times Magazine* 30 June 2015.

https://www.nytimes.com/2015/07/05/magazine/arianna-huffingtons-improbable-insatiable-content-machine.html?_r=0

While HuffPostParents still chugs along, Huffington has turned over a new leaf, of sorts, authoring books on the importance of sleep and work-life balance, and leaving the website to start a company called Thrive Global dedicated to wellness and productivity.

the 70-percent of the economy that is based on consumer spending...Mathews, Rick. "US GDP Is 70 Percent Consumer Spending: Inside The Numbers." *Mic*. 21 Sept. 2012.

<https://mic.com/articles/15097/us-gdp-is-70-percent-personal-consumption-inside-the-numbers#.jVBxmVVwr>

still controlled by women... Estimates vary. "Buying Power: Women In The US." Catalyst.org. 2014.

http://www.catalyst.org/system/files/buying_power_women_0.pdf

14 million mothers ... Segran, Elizabeth. On Winning The Hearts--And Dollars-- Of Mommy Bloggers. Fast Company. 14 August 2015.

<http://www.fastcompany.com/3049137/most-creative-people/on-winning-the-hearts-and-dollars-of-mommy-bloggers>

As far back as 2008, Wal-Mart recruited... Ramirez, Jessica. "Are Mommy Bloggers Corporate Sellouts?" *Newsweek*. 14 Jul 2009.

<http://www.newsweek.com/tech-are-mommy-bloggers-corporate-sellouts-82155>

In 2009, General Mills... Lukovitz, Karlene. "General Mills Network Taps Blogger Moms." *Marketing Daily* 29 April 2009.

<https://www.mediapost.com/publications/article/105092/general-mills-network-taps-blogger-moms.html?edition=>

In 2014 *Fast Company* magazine profiled Susan Petersen...Segran, Elizabeth. On Winning The Hearts--And Dollars-- Of Mommy Bloggers. Fast Company. 14 August 2015.

<http://www.fastcompany.com/3049137/most-creative-people/on-winning-the-hearts-and-dollars-of-mommy-bloggers>

Pace University in 2015..Lup, Katerina, Leora Trub, and Lisa Rosenthal. "Instagram# instasad?: exploring associations among instagram use, depressive symptoms, negative social comparison, and strangers followed." *Cyberpsychology, Behavior, and Social Networking* 18.5

(2015): 247-252.

Chapter 9

Stanford University Virtual Human Interaction Lab. <https://vhil.stanford.edu/>

2014.

Facebook announced the purchase of a startup called Oculus Rift. In the official announcement, on Facebook of course, Mark Zuckerberg wrote, “After games, we're going to make Oculus a platform for many other experiences. Imagine enjoying a courtside seat at a game, studying in a classroom of students and teachers all over the world or consulting with a doctor face-to-face -- just by putting on goggles in your home.”

Zuckerberg, Mark. Facebook. 25 March 2014.

<https://www.facebook.com/zuck/posts/10101319050523971>

Facebook's CEO Mark Zuckerberg came to this lab...Ulanoff, Lance. “The VR Experience That May Have Convinced Mark Zuckerberg To Buy Oculus.”

Mashable. 26 March 2014.

<http://mashable.com/2014/03/26/zuckerberg-tried-stanford-vr-oculus-rift/#wc1RIHR.Kaql>

Pokemon Go, which became the top-downloaded application on iPhones and Androids only days after being released....Morrison, Maureen. “

Pokémon Go Goes Viral With No Big Marketing Blitz.” *Ad Age* 11 July 2016.

<http://adage.com/article/digital/pokemon-go-viral-marketing/304905/>

Owlet, a “smart sock” that monitors an infant’s pulse...<http://www.owletcare.com/>

Lumiere brothers’ 1895 film of a train pulling into a station....a famous 2004 essay by a German media scholar calls this story “cinema’s founding myth.”

Loiperdinger, Martin, and Bernd Elzer. "Lumière's arrival of the train: Cinema's founding myth." *The Moving Image* 4.1 (2004): 89-118.

A VR game in which you fly around a city...Rosenberg, Robin S., Shawnee L. Baughman, and Jeremy N. Bailenson. "Virtual superheroes: Using superpowers in virtual reality to encourage prosocial behavior." *PloS one* 8.1 (2013): e55003.

In a few of these studies, college students who “walked a mile” in the shoes of an elderly version of themselves later decided, in a hypothetical exercise, to allocate more money to retirement savings....Sims, T., Bailenson, J., & Carstensen, L.L. (2015). Connecting to Your Future Self: Enhancing Financial Planning among Diverse Communities Using Virtual Technology. Paper presented at the annual meeting of the Gerontological Society of America, Orlando, FL.

A lot of the ones they’ve built so far actually resemble stations in a Montessori classroom: ...See Ken Perlin’s blog at <https://mrl.nyu.edu/~perlin/>

“Hi, what’s your name? I’m Alex.”... Finkelstein, Samantha, et al. "Investigating the influence of

virtual peers as dialect models on students' prosodic inventory." (2012).; Finkelstein, Samantha, et al. "Alex: A virtual peer that identifies student dialect." *Proc. Workshop on Culturally-aware Technology Enhanced Learning in conjunction with EC-TEL 2013, Paphos, Cyprus, September 17. 2013.*

Eighty percent of public school teachers are white ... "The State Of Racial Diversity In The Educator Workforce." 2016. U.S. Department of Education. P.1

<https://www2.ed.gov/rschstat/eval/highered/racial-diversity/state-racial-diversity-workforce.pdf>

'Code-switching' is the term linguists coined... Most often attributed to Gumperz, John J. *Discourse strategies*. Vol. 1. Cambridge University Press, 1982.

The idea of a "lifelong learning companion" for example... Chan, Tak-Wai, and Arthur B. Baskin. "Studying with the prince: The computer as a learning companion." *Proceedings of the International Conference on Intelligent Tutoring Systems*. Vol. 194200. 1988.

Hello Barbie, introduced for the 2015 Christmas season... Walker, Lauren. "Hello Barbie, Your Child's Chattiest And Riskiest Christmas Present." *Newsweek*. 15 Dec 2015.
<http://www.newsweek.com/2015/12/25/hello-barbie-your-childs-chattiest-and-riskiest-christmas-present-404897.html>

Anil Dash, one of the smartest commentators out there on the future of the Internet, Dash, Anil. "Amazon Echo And Alexa Really Matter." 22 Jun 2016. *Medium*.
<https://medium.com/@anildash/amazon-echo-and-alexa-really-matter-dcc6d817ad6b>

The transitional object...Winnicott, D. W. "10. Transitional Objects and Transitional Phenomena: A Study of the First Not-Me." *Essential papers on object relations* (1986): 254.

Isamu Noguchi, the renowned sculptor ... Onion, Rebecca. "The World's First Baby Monitor: Zenith's 1937 "Radio Nurse"." *Slate Magazine*. The Slate Group, 07 Feb. 2013. Web. 17 Apr. 2017.

"Infant Optics DXR-5 Portable Video Baby Monitor".. "Amazon Most Wished For." No. 6 as of April 2017.

https://www.amazon.com/gp/most-wished-for/baby-products/ref=zg_bsnr_tab_t_mw

the Snoo, designed at MIT ... Rothman, Rachel and Good Housekeeping Institute.

"Snoo Smart Sleeper." *Good Housekeeping*. Product Reviews.

<http://www.goodhousekeeping.com/childrens-products/a41743/snoo-smart-sleeper-review/>

A woman wrote to a magazine advice column in 2015...Yoffe, Emily. "Dear Prudence: Mom and Dad Are Watching." 25 Jun 2015.

http://www.slate.com/articles/life/dear_prudence/2015/06/dear_prudence_i_gave_my_parents_remote_access_to_our_baby_monitor_oops.html

the tech blog *Ars Technica*...Porup, J.M. "'Internet of Things" security is hilariously broken and getting worse." *Ars Technica*. Condé Nast, 23 Jan. 2016. Web. 17 Apr. 2017.

In 2015, a 3-year-old boy in Washington State ..."Seen At 11: Cyber Spies Could Target Your Child Through A Baby Monitor." *CBS New York*. CBS Broadcasting Inc., 21 Apr. 2015. Web. 17 Apr. 2017.

In 2016, privacy groups filed a complaint... “In the Matter of Genesis Toys and Nuance Communications.” 6 Dec. 2016.

<https://epic.org/privacy/kids/EPIC-IPR-FTC-Genesis-Complaint.pdf>

in general these technologies, similar to other “quantified self” gadgets for adults like Jawbone and Up, see a major drop-off in usage after the first six months or so. ... Neff, Gina, and Dawn Nafus. *Self-tracking*. Cambridge: MIT Press, 2016. Print.

“I quantified my baby and wish I could get the time back.” Chester, Tim. “I quantified my baby and wish I could get the time back.” Mashable. Mashable, Inc., 15 Oct. 2015. Web. 17 Apr. 2017.

“Babyveillance.” Barassi, Veronica. “*BabyVeillance: Digital Parents, Online Surveillance and the Construction of Babies Digital Profiles*” childdatacitizen.com/project/research-findings

Life360 has 50 million registered users, “Life 360, The Family Locator With More Users Than Foursquare, Raises \$10 Million In A Series B.” *Techcrunch*. 10 July 2013.

<https://techcrunch.com/2013/07/10/life360-the-family-locator-with-more-users-than-foursquare-raises-10-million-series-b/>

NetNanny... “NetNanny (for Iphone).” PCMag. 23 Mar 2016.

<http://www.pcmag.com/review/342827/net-nanny-for-iphone>

“Electronic Surveillance.” Legal Information Institute, Cornell University Law School.

https://www.law.cornell.edu/wex/electronic_surveillance

Atul Gawande puts it in his essential book *Being Mortal*. Gawande, Atul. *Being mortal: medicine and what matters in the end*. Macmillan, 2014. P.106

Developmental psychologists argue that ...Perry, Bruce Duncan. "Self-Regulation: The Second Core Strength." Scholastic Inc. Web. 17 Apr. 2017.

Jathan Sadowski put it in an essay on the "techno-nanny": Sadowski, Jathan. "Reign of the Techno-Nanny." The New Inquiry. 05 Oct. 2012. Web. 17 Apr. 2017.

Tristan Harris, See: Time Well Spent. <http://www.timewellspent.io/>

A gadget called Ringly. "Ringly Smart Jewelry." Ringly.com.

An app called "Moment"... Moment. <https://inthemoment.io/>

One early evening I'm trying to keep Lulu entertained. Kamenetz, Anya. "Apps That Aim To Give Parents Superpowers." NPR.org. 8 Jun 2016.

<http://www.npr.org/sections/ed/2016/06/08/480593689/apps-that-aim-to-give-parents-superpowers>

Text4Baby...Evans, William Douglas, Jasmine L. Wallace, and Jeremy Snider. "Pilot evaluation of the text4baby mobile health program." *BMC public health* 12.1 (2012): 1031.

Naugle, Danielle A., and Robert C. Hornik. "Systematic review of the effectiveness of mass media

interventions for child survival in low-and middle-income countries." *Journal of health communication* 19.sup1 (2014): 190-215.

a tablet app called "Bedtime Math"... Westervelt, Eric. "Where The Wild Fractions Are: The Power Of A Bedtime (Math) Story." NPR. NPR, 08 Oct. 2015. Web. 19 Apr. 2017.

Seow Lim ...Kamenetz, Anya. "Apps That Aim To Give Parents Superpowers." NPR.org. 8 Jun 2016.

<http://www.npr.org/sections/ed/2016/06/08/480593689/apps-that-aim-to-give-parents-superpowers>

"When television is good, nothing...Ouellette, Laurie, and Justin Lewis. "Moving beyond the "Vast Wasteland" Cultural Policy and Television in the United States." *Television & New Media* 1.1 (2000): 95-115.

Her landmark paper...Cooney, Joan Ganz. "The Potential Uses of Television in Preschool Education." (1967).

"I give an expression of care everyday to each child." ... Lietz, Jeana. "Journey to the Neighborhood: An Analysis of Fred Rogers and His Lessons for Educational Leaders." (2014).

"I got into television because I hated it so," "Mr. Rogers Neighborhood To Air Last Show."

31 Aug 2001. CNN. <http://transcripts.cnn.com/TRANSCRIPTS/0108/31/lad.09.html>

Chapter 10

1) See Ch.1.

2) See Ch.2 & 3.

3) , 4), 5) See Ch. 4.

6) Ch. 2.

7) , 8) See Ch. 5.

9) See Ch. 4.

10) See Ch. 7.

