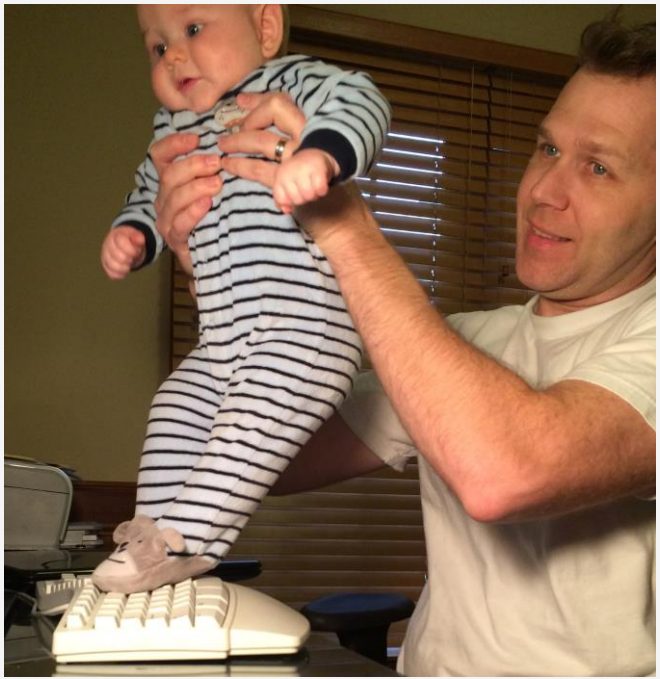
Coding with a Baby

Lessons learned from a developer with small children

Techniques



Benefit

- Tiny toes can precisely touch keys

Drawback

- Need head control, so must be older

Techniques

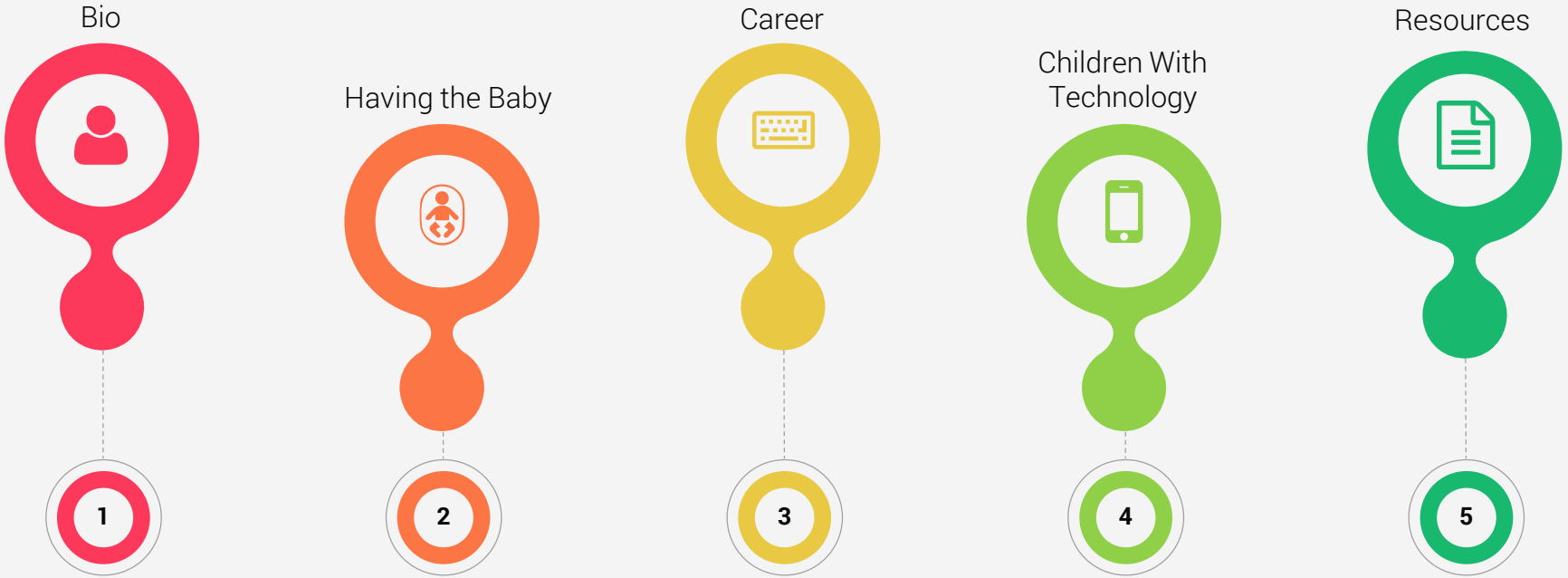
Benefit

- Very precise

Drawbacks

- Need head control and finger control
- Realization the baby knows more than you

Outline


Bio
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Having the Baby
2
Career
3
Children With Technology
4
Resources
5

Bio

Bio

Jim Everett

Developer, Architect, Software Enthusiast

HMBer

Father of 2

Married to a patient wife

Software Enthusiast

14 years of .NET Experience

Enterprise Architect

Developer

Scrum Master

Life Learner

https://twitter.com/CognitiveBurden

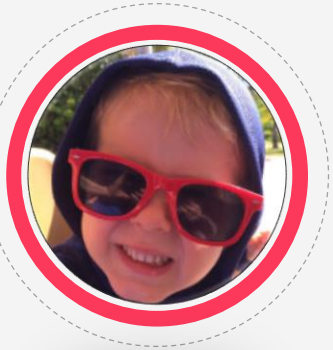
https://github.com/cognitiveburden

cognitiveburden@gmail.com

Bio

B

The Wife



R

The Big Brother

G

The Baby

Having a Baby

Pregnancy

Debugging in Production

Pregnancy

My Pregnancy Today

Pregnancy Weight Calculator

Baby Names !!

BabyList Baby Registry

Baby Kicks Monitor

Full Term – Labor Contraction Timer

Baby Bookie

The Delivery

The Delivery

Entertainment

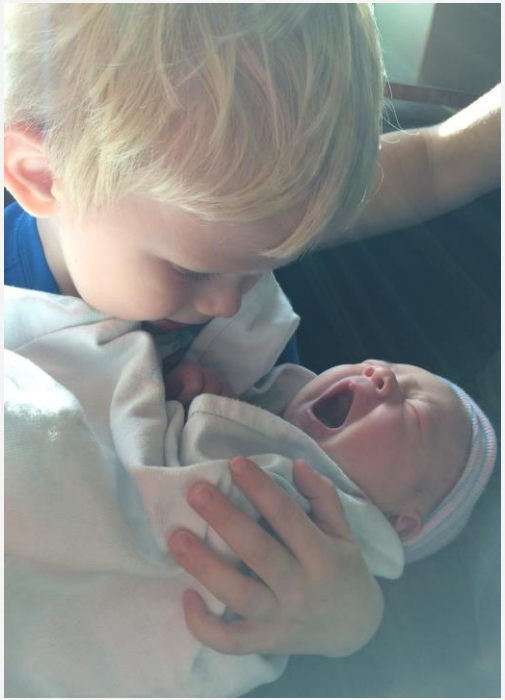
Music

Chargers

Announcement

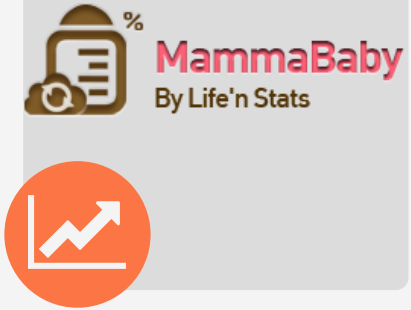
The Result

The Result



Early Years

Early Years



Baby Tracking

- Track Feeding, Diapering, Sleeping, & Growth
- Provide charts and graphs on baby's progress

Journaling

- Keep track of all your child's milestones
- Mixes pictures, dates, and stories

Safety

- Apps to help keep your baby safe.

Geek Out

Geek Out

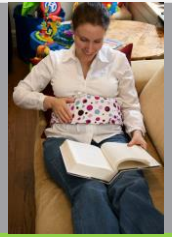
Self Closing Stroller
$850

Self Warming Bottles
$35

Phone Ultrasound
$7,500

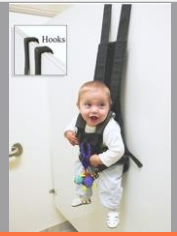
Pulse Oximetry Boot
$250

Human like Rocker
$159



Baby Tweet
$$

Baby Onesie Monitor
$200



Baby Restroom Hanger
$40

Career

Planning

Planning

Your Rights

- FMLA
- Paternity/Maternity leave policy
- Short Term Disability policy
- babycenter.com/maternity-leave-checklist

Communication

- Talk to boss first
- Form plan with stakeholders
- Inform coworkers

Support

- Discuss your level of support while out

Relationships

- Create good will
- Lean on people while sleep deprived

Remove Yourself

- Don't be primary
- Take on small projects

Express Appreciation

- Important to keep support from coworkers

Thanks Ben!

Get Organized

Get Organized

Sunrise

LastPass

Unroll.Me

PWOP

Todoist

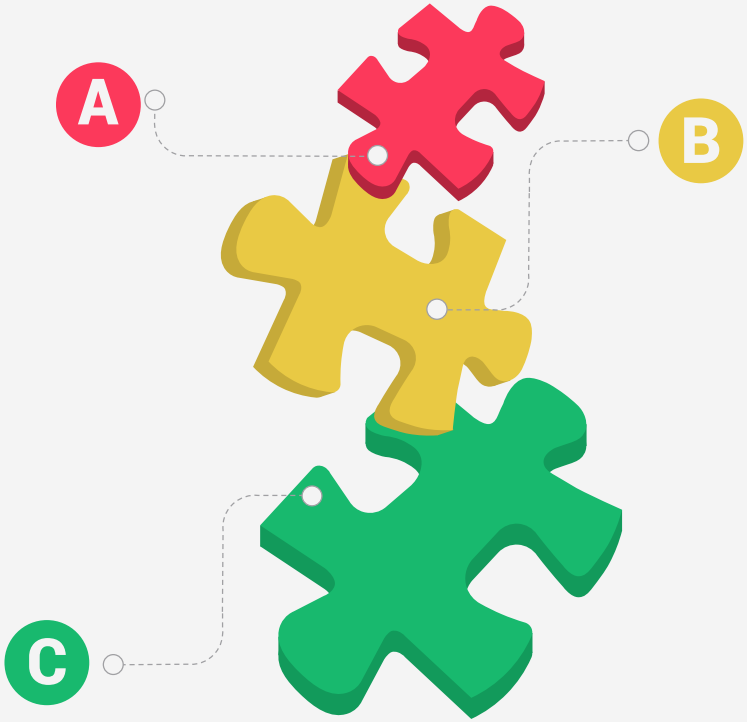
Outlook

Pomodoro

30/30

Staying Current

Staying Current



A Aggregators

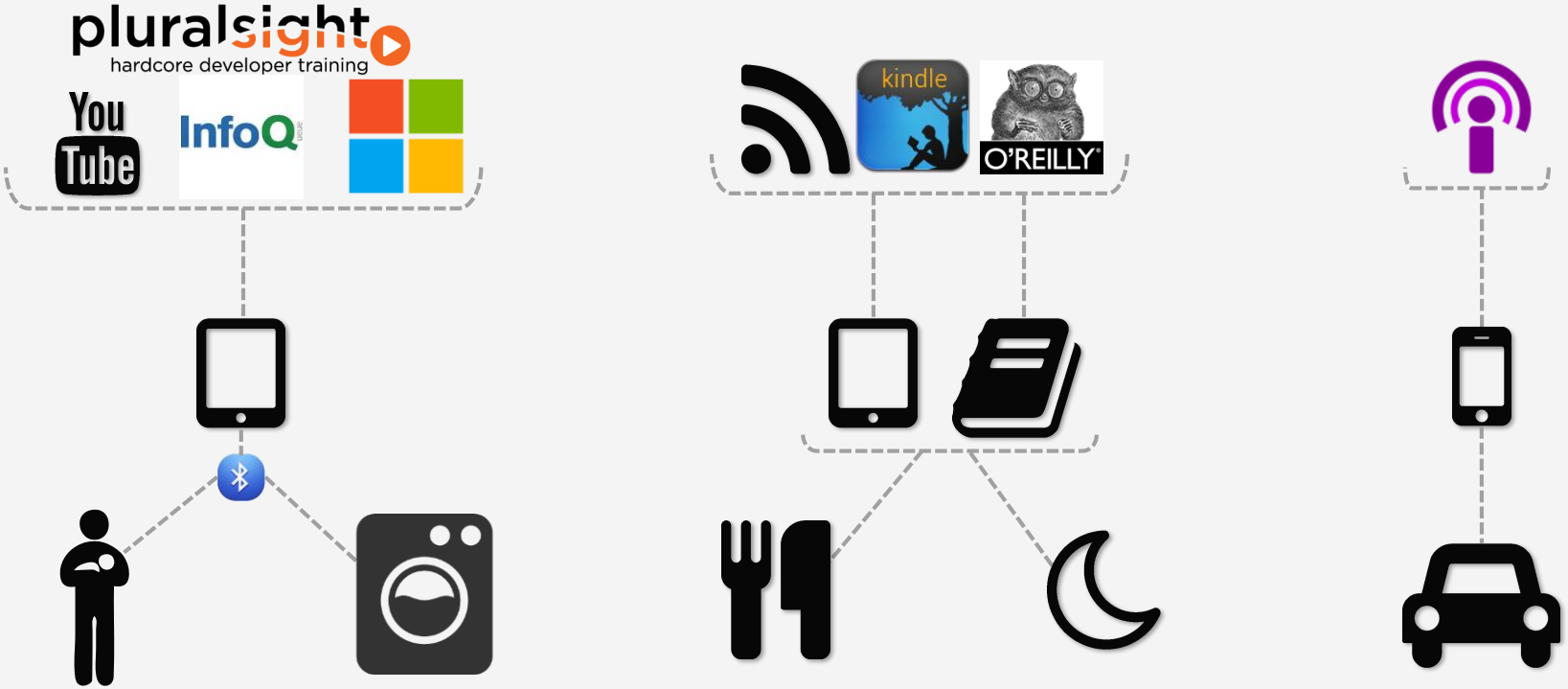
B Experts

C Newbies

Staging Content:

Gather sources on a topic

Staying Current



Kids & Technology

Screen Time

Screen Time

AAP Recommends

Younger than 2 years old – No Screen Time

2 to 18 years old – Limit to 2 hours per day

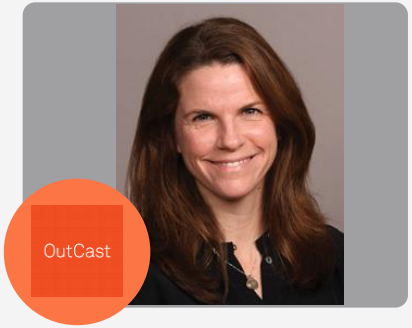
Doctors Don’t Know Nothing

From the Corner Office

From the Corner Office

Chris Anderson

- Chief Exec of 3D Robotics, former editor of Wired.
- Kids accuse him of being a fascist and overly concerned about tech.



Alex Constantinople

- Chief exec of the OutCast Agency, a tech-focused communications & marketing firm.
- On school nights kids only get 30 min on gadgets.

Evan Williams

- A founder of Blogger, Twitter and Medium.
- In lieu of iPads, their 2 young boys have hundreds of books (yes, physical ones)

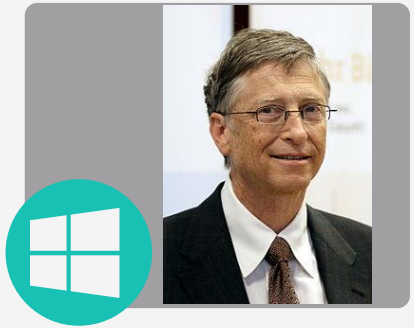
From the Corner Office

Ali Partovi

- A founder of iLike and adviser to Facebook, Dropbox and Zappos.
- Distinction between consuming and creating on screens.

Dick Costolo

- The chief executive of Twitter.
- Allows unlimited use of gadgets as long as their two teenagers are in the living room.



Bill Gates

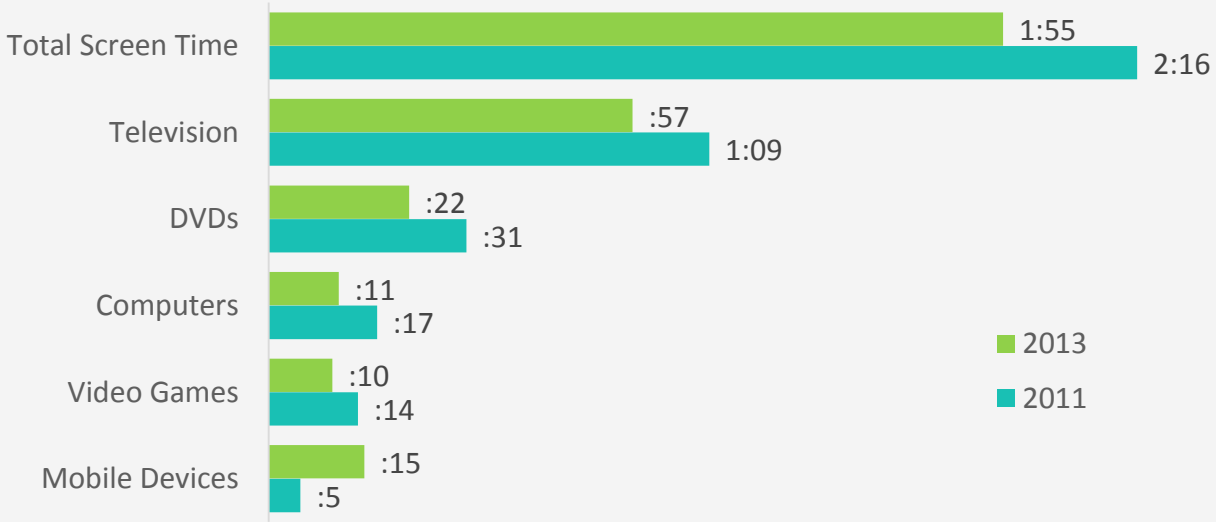
- The Microsoft founder.
- Limit of 45 minutes of screen time during the week and 60 minutes on weekends.

Screen Time Stats

Screen Time Stats

Screen Media Use, by Platform, over Time

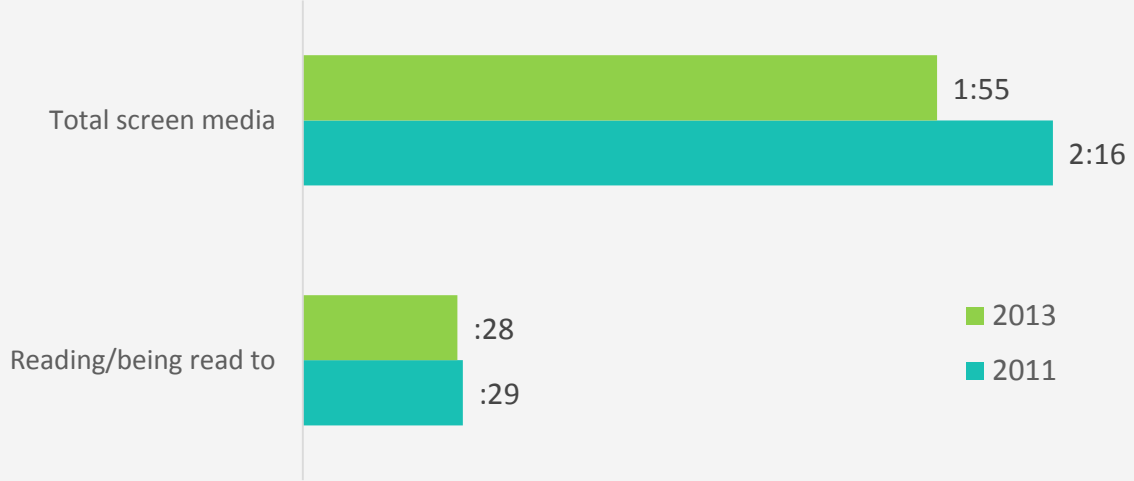
Among children age 0-8, average time spent per day using:



Screen Time Stats

Time Spent with Media, by Activity, over Time

Among 0- to 8-year-olds, average amount of time spent in a typical day:



Concerns

Concerns

- Obesity
- Behavior
- Violence
- Sleep
- School
- Bullying
- Addiction
- Adult Content
- Play Time

How to Manage Technology

How to Manage Technology

Keep it Out of the Bedroom

Don't Eat in Front of TV

Set School Day Rules

Suggest other activities

Set a Good Example

Unplug it

Digital Guardian

Social
Media

Digital Guardian

1

Set Reasonable Expectations

2

Talk with your kids about how they use services

3

Support Critical thinking and civil behavior

4

Require Internet use in a high-traffic place

5

Get your kids to share

Teaching Our Kids

Teaching Our Kids

HOPSCOTCH

IOS App

gethopscotch.com

Kodable

IOS App
Online or PC Game

kodable.com

Scratch
Scratchjr

Online or PC Game
IOS App
Android App

scratchjr.org
scratch.mit.edu

Resources

Resources

Jim Everett

Developer, Architect, Software Enthusiast

https://twitter.com/CognitiveBurden

https://github.com/cognitiveburden

cognitiveburden@gmail.com

https://github.com/CognitiveBurden/CodingWithABaby

Resources

Having the Baby

Pregnancy:

http://www.babycenter.com/pregnancy
https://itunes.apple.com/us/app/my-pregnancy-today-babycenter/id386022579?mt=8
https://itunes.apple.com/us/app/50-000-baby-names-free/id363724891?mt=8
https://itunes.apple.com/us/app/happy-pregnancy-ticker/id449267797?mt=8
https://itunes.apple.com/us/app/full-term-labor-contraction/id382013176?mt=8
https://itunes.apple.com/us/app/baby-names!!/id412443566?mt=8
http://www.babybookie.com/

Delivery:

https://www.bornyet.com/
http://www.birthvillage.com/birth-announcements.php

Early Years

http://mammababy.lifenstats.com
http://makesafehappen.com/
http://dayoneapp.com/
https://www.lifecake.com/

Geek Out

http://www.pcmag.com/slideshow/story/308706/11-tech-gadgets-for-new-parents
http://www.iiamo.com/products/iiamo-go-family/go/
http://www.oddee.com/item_98567.aspx
https://www.4moms.com/origami
http://www.mobisante.com/products/product-overview/
https://www.owletcare.com/
https://www.4moms.com/rockaroo
http://www.oddee.com/item_98567.aspx
http://wdc.com/ventito/tech/trending/the-wired-baby-5-innovative-gadgets-for-new-parents
http://mattkaar.com/blog/2012/12/01/raspberry-pi-as-a-baby-monitor/
http://stuffbabiesneed.com/blog/building-raspberry-pi-baby-monitor-part-one/
http://blog.alexwilde.net/make-a-raspberry-pi-baby-monitor/
http://duino4projects.com/interactive-childs-mobile-using-arduino/
http://mimobaby.com/

Resources

Career

Planning:

http://www.babycenter.com/maternity-leave-checklist

Career:

http://lifehacker.com/how-to-prepare-your-career-before-having-a-baby-1686911785
https://todoist.com/
https://calendar.sunrise.am/
http://3030.binaryhammer.com/
https://itunes.apple.com/us/app/microsoft-outlook/id951937596?mt=8
http://pomodorotechnique.com/
http://mtcb.pwop.com/
http://dotnetrocks.com/
http://distributedpodcast.com/
http://hanselminutes.com/

Resources

Children With Technology

http://lifehacker.com/5946947/how-can-i-kid-proof-my-pc-and-gadgets
https://www.aap.org/en-us/advocacy-and-policy/aap-health-initiatives/pages/media-and-children.aspx
http://www.nhlbi.nih.gov/health/educational/wecan/reduce-screen-time/tips-to-reduce-screen-time.htm
http://www.nytimes.com/2014/09/11/fashion/steve-jobs-apple-was-a-low-tech-parent.html
http://theunboundedspirit.com/why-steve-jobs-didnt-let-his-kids-use-ipads/
http://waldorfpeninsula.org/
http://www.telegraph.co.uk/education/educationnews/10767878/Infants-unable-to-use-toy-building-blocks-due-to-iPad-addiction.html
http://www.sensomotorische-integratie.nl/CrisRowan.pdf
http://richardfreed.com/wired-child/
http://www.nytimes.com/2011/10/25/us/screen-time-higher-than-ever-for-children-study-finds.html
https://www.commonsensemedia.org/
http://www.parentfurther.com/resources/enewsletter/e-parenting
http://www.bluemanateebooks.com/home/digital_playground_data/screen_time_trends.html
https://www.parentmap.com/article/are-kids-watching-less-common-sense-media-study-spotlights-screen-time-trends
https://itunes.apple.com/us/app/kids-media/id504932051?mt=8
https://www.commonsensemedia.org/research/zero-to-eight-childrens-media-use-in-america-2013

Digital Guardian

https://www.commonsensemedia.org/privacy-and-internet-safety/how-do-i-protect-my-kids-privacy-online
http://www.coppa.org/
https://www.snapchat.com/safety
http://www.connectsafely.org/wp-content/uploads/snapchat_parents_guide.pdf
http://www.ikeepsafe.org/
http://www.saferinternet.org.uk/
http://www.connectsafely.org/
http://www.connectsafely.org/wp-content/uploads/sc_cyberbullying.pdf
http://www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html

How to teach coding

http://allthingsd.com/20130506/can-these-ipad-apps-teach-your-kid-to-code/
https://itunes.apple.com/us/app/kodable/id577673067?mt=8
https://itunes.apple.com/us/app/hopscotch-hd/id617098629?mt=8
http://www.edutopia.org/blog/7-apps-teaching-children-coding-anna-adam
https://scratch.mit.edu/
https://www.gethopscotch.com/
https://www.kodable.com/
http://www.scratchjr.org/