

E-books, Children, and Digital Issues

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Articles of Interest: Penguin, OverDrive, and libraries

February 9th, 2012 · by spolanka · 2 Comments

It's been coming for months. Today Penguin announced it has ended its relationship with OverDrive. Starting tomorrow, it will no longer sell e-books and audiobooks to OverDrive for library lending. Interestingly, ALA and Big Six publishers met last week to discuss library e-book lending. In an article in [paidcontent.org](#), Laura Hazard Owen points out ALA's concern about statements publishers made regarding "friction." Publishers felt a degree of friction existed with physical book checkout – involving 2 trips to the library. They felt the online availability would alter the friction calculation. My response to that....clearly they have never tried to download an e-book from the public library. According to Library Journal's patron profiles, 23% of ebook patrons reported being unsuccessful in borrowing ebooks because of technical difficulty, while almost 44% could not do so because of title unavailability." That's a lot of friction.

Here are some articles with more of the story:

SEARCH IT!

To search, type and hit enter

RECOGNITION



1st Place - Academic Blogs
Salem Press Library Blog Awards



Versus

E-Books vs. Printed Books: Some New Findings

Jun 14, 2012

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 | Comments (6)

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by the Month

New study examines print vs. eBooks for kids



May 29, 2012 by Jeremy Dickson

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The CHRISTIAN SCIENCE
MONITOR

chapter & verse  blog

E-books vs. print: Most parents prefer reading paper books to their children

Sue Polanka, WSUL & No Shelf Required, Jan. 2013



E-books and print books can co-exist:



So who will win the e-book vs print book battle?

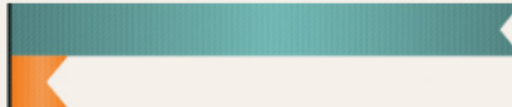
No one—they're both great for different things

Reading with a child



81%

9%



Sharing books with other people



69%

25%



Reading books in bed



43%

45%



Having a wide selection of books to choose from



35%

53%



Reading books while traveling or commuting



19%

73%

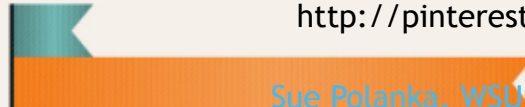


Being able to get a book quickly



13%

83%



<http://pinterest.com/source/teachingdegree.org/>

Sue Polanka, WSUL & No Shelf Required, Jan. 2013

eBook Benefits



Why we love print

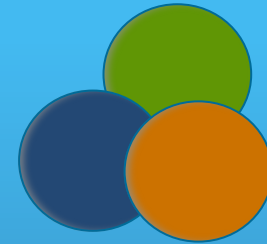
- Batteries not required
- Share with friends
- See what you've read
- Hold/feel the paper
- Bookshelves = accomplishment
- Get away from technology
- Easier to read the text
- Reading at bedtime
- Reading with children

Types of eBooks Today

- PDF
- ePUB
- Proprietary format
- Interactive
- Digital Textbooks
- Apps
- Audiobooks

Device Lock-In

- Software
- Hardware
- Proprietary formats
- Non-transferrable
- Walled Garden



Student Learning and eBooks

From No Shelf Required: E-Books in Libraries, Chapter 2
by Susan Berg and Jackie Collier

Camborne's Eight Principles of Learning

Immersion

Demonstration

Engagement

Expectations

Responsibility

Approximations

Employment

Response

eBooks can employ all eight conditions for learning

- Demonstrations with animation
- Vocabulary selection, puzzles, recall questions
- Learners try different responses; thinking is validated
- Immediate feedback provided
- Learners have a choice; take responsibility

National Reading Panel Report

Phonemic
awareness

Phonics

Fluency

Vocabulary

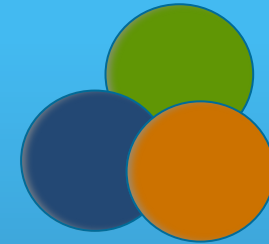
Comprehension

eBooks can support these five areas

- Read-aloud and follow the word features
- Students manipulate letters and sounds
- Audio/text-to-speech
- Look up words as you read
- Built in assessment

Interactive eBook Providers

- ABDO Digital
- Big Universe Learning
- Capstone Interactive Library
- Lerner Interactive Books
- Rosen's Interactive eBooks
- Rourke Interactive eBooks
- Scholastic's Book Flix
- StarWalk Kids
- Tumblebook Library



Studies on eBooks and Learning

Do eBooks improve comprehension?

Grimshaw, et al, 2007

- Comprehension and enjoyment of books by medium
 - Medium didn't affect enjoyment
 - No significant difference in comprehension scores
 - Narration led to higher comprehension scores
 - Use of online dictionary was greater than print dictionary
- Benefits of reading eBooks:
 - Narration, Animated pictures, Sound effects

eBooks that incorporate these features have the capacity to increase children's comprehension and enjoyment of storybooks

Can eBooks help struggling readers?



Photo courtesy of Shannon McClintock Miller

Hume - Struggling Readers

Tumblebooks or traditional small-group reading sessions?

The average fluency rate for the Tumblebook group was **23% points higher** than that of the control group.

It took the **control group 2 months longer to integrate back into regular classrooms**

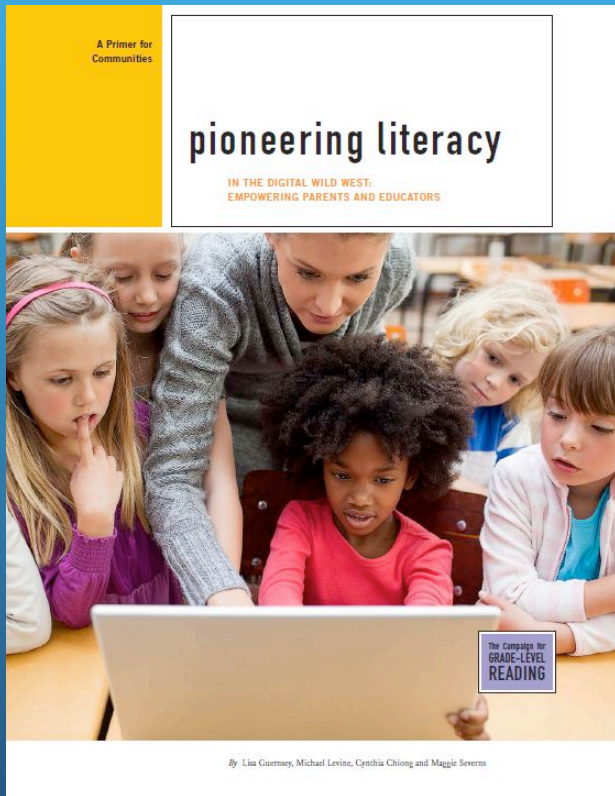
Digital Reading Assessment

- American Reading Company's Action 100 Software
- Capstone's myON reader
- Curriculum Associates' i-Ready app
- Lexia Learning's Assessment without Testing software
- MindPlay's Virtual Reading Coach app
- Read Naturally's Reed Live app
- Renaissance Learning's Accelerated Reader Software
- Rowland Reading Foundation's Super Kids Reading Program
- Scholastic's Read 180 Next Gen software
- Scientific Learning's Reading Assistant app

Can eReaders distract us from learning?

De Jong and Bus, 2004

- Visual/sound effects can interfere
- Irrelevant to the story
- Undermine comprehension
- Negatively affect investigating/understanding story
- More playful approach



Extraneous “hot spots” can impede the traditional reading process for parents and children and may affect children’s comprehension. (JGCC, 2012).

App Example

- Cozmo's Day Off
- Game with text
- Top rated app
- Distractions

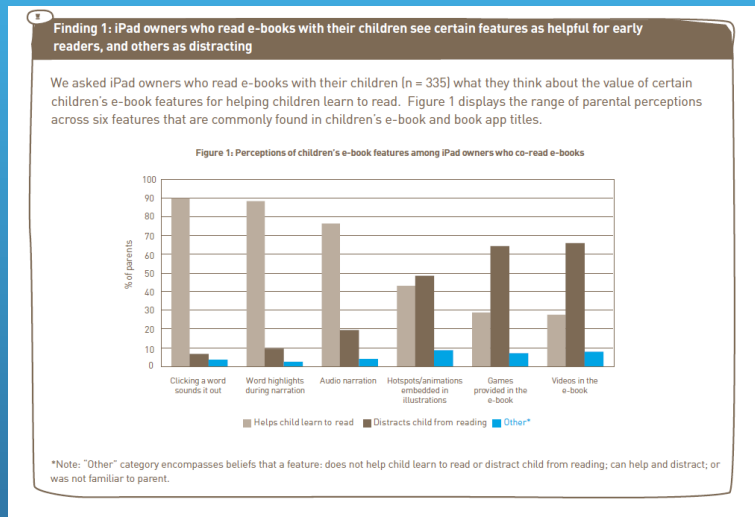
Features help and hinder literacy

Help

- Clicking on word sounds it out
- Highlighting words during narration
- Audio narration

Hinder

- Hotspots/animations
- Games
- Videos



eBook apps offer features

But do they enhance literacy learning?

- Almost all include narration, but only half highlight the text.
- Most include interactive features that are not literacy oriented.



http://www.joanganzcooneycenter.org/wp-content/uploads/2012/11/jgcc_ereader_parentsurvey_quickreport.pdf

72% of parents are interested in having
their child read ebooks

Scholastic, Kids and Family Reading Report, 4th Edition, 2013

46% of children have read an ebook (up
from 25% the previous year)

Scholastic, Kids and Family Reading Report, 4th Edition, 2013

80% of kids who read ebooks still read
books for fun primarily in print

Scholastic, Kids and Family Reading Report, 4th Edition, 2013

And with the youngest readers, print books still win out:



9%
of people think e-books are better for reading with kids;

81%
say print books



...Which is good, because when it comes to learning, **Print books might be easier to read:**

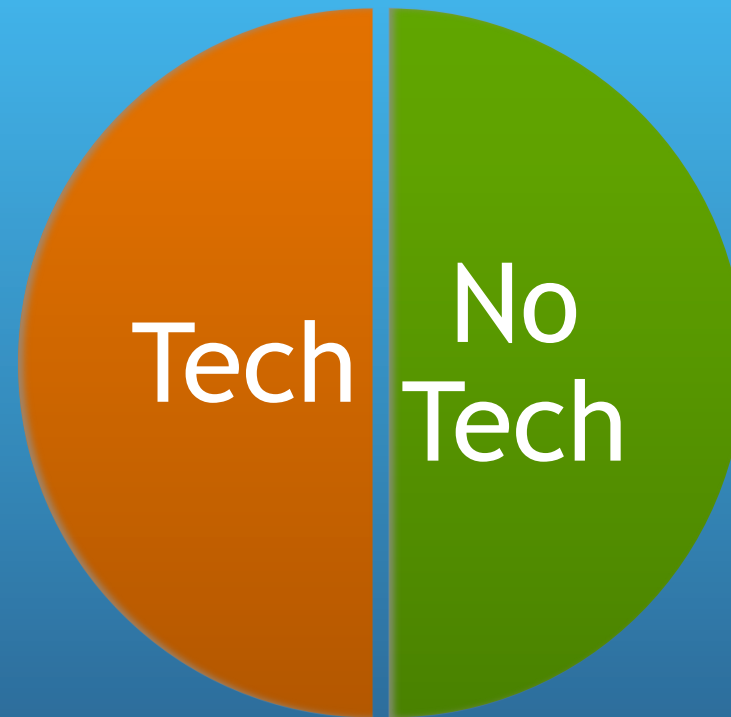
In average reading speed:

People read on iPads
6.2% slower than print

And on Kindles
10.7% slower than print



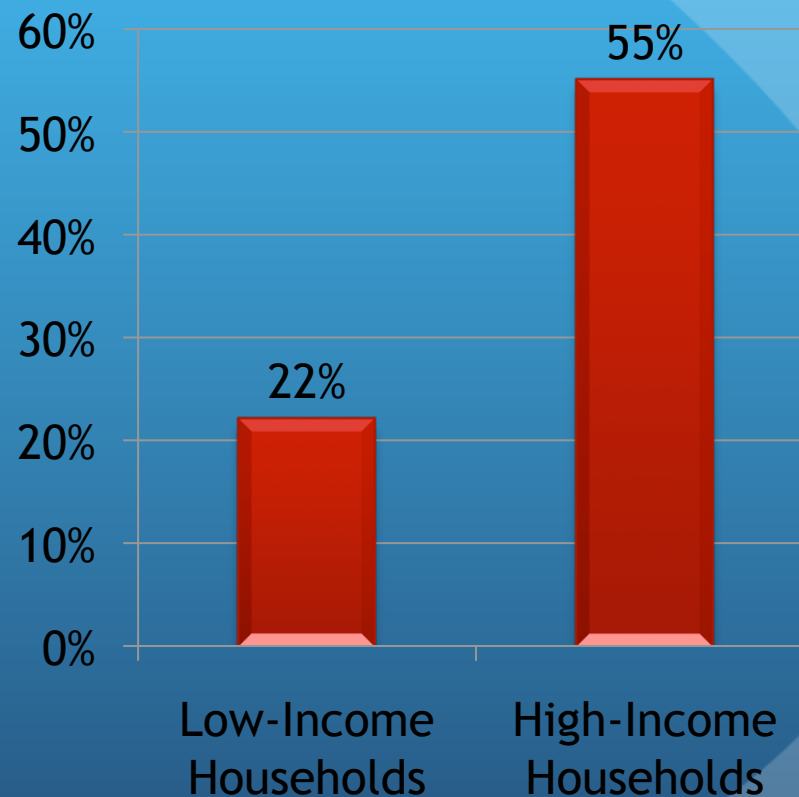
Digital Divide



Digital Divide

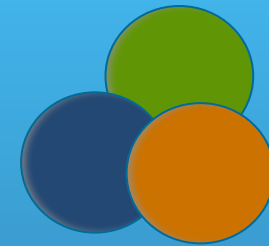
- NO Internet
- No Devices
- NO Computers
- NO Content
- NO Opportunity
- NO Fair

Low-income families use tech less



**The future is already here-
its just not evenly
distributed.**

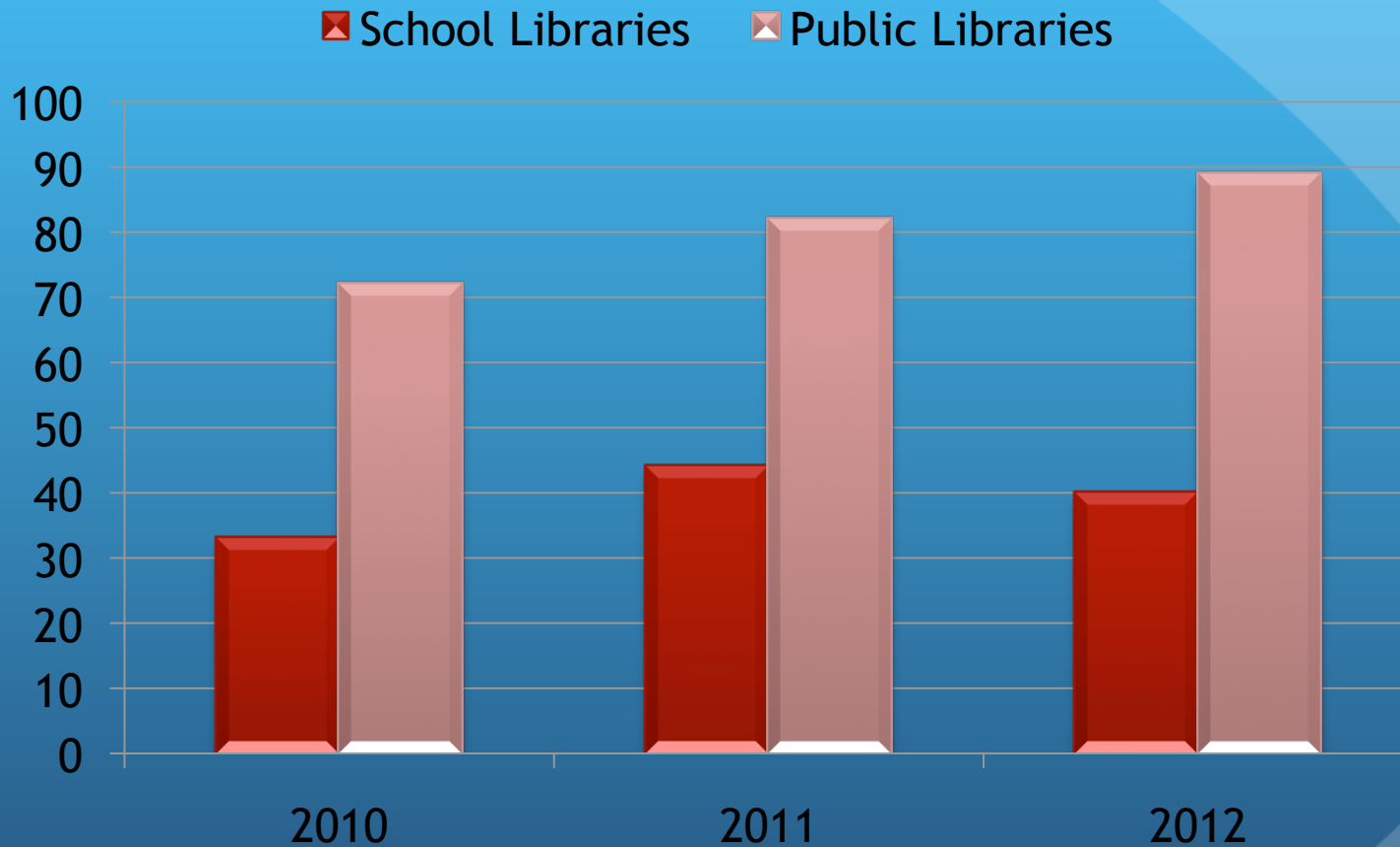
William Gibson, The Economist, December, 2003



Purchasing eBooks

See Library Technology Reports, Nov/Dec issue

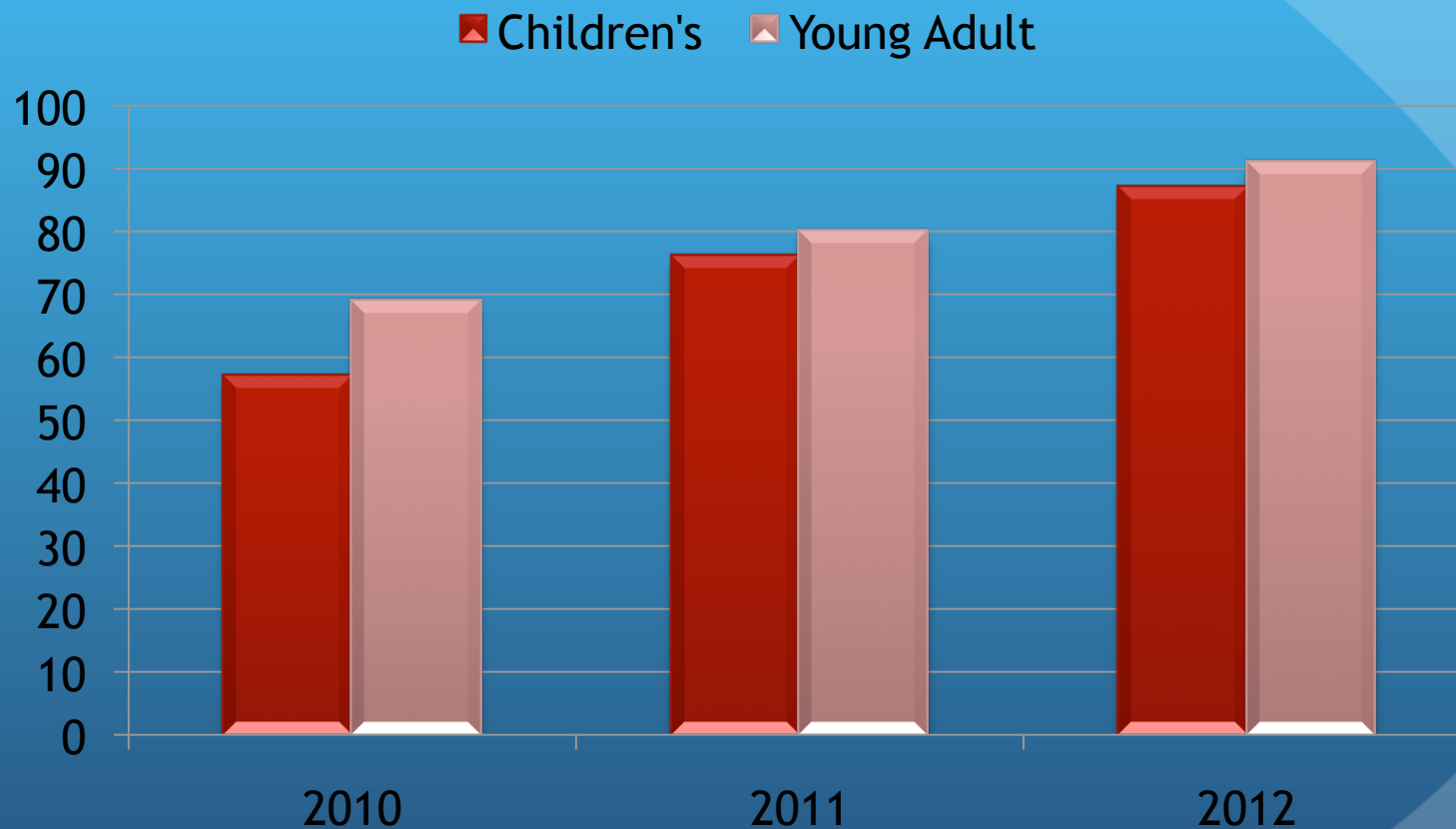
eBook Penetration



Source: Library Journal Survey of Ebook Penetration - 2010-2012

Sue Polanka, WSUL & No Shelf Required, Jan. 2013

P.L.'s Offering Children/YA ebooks

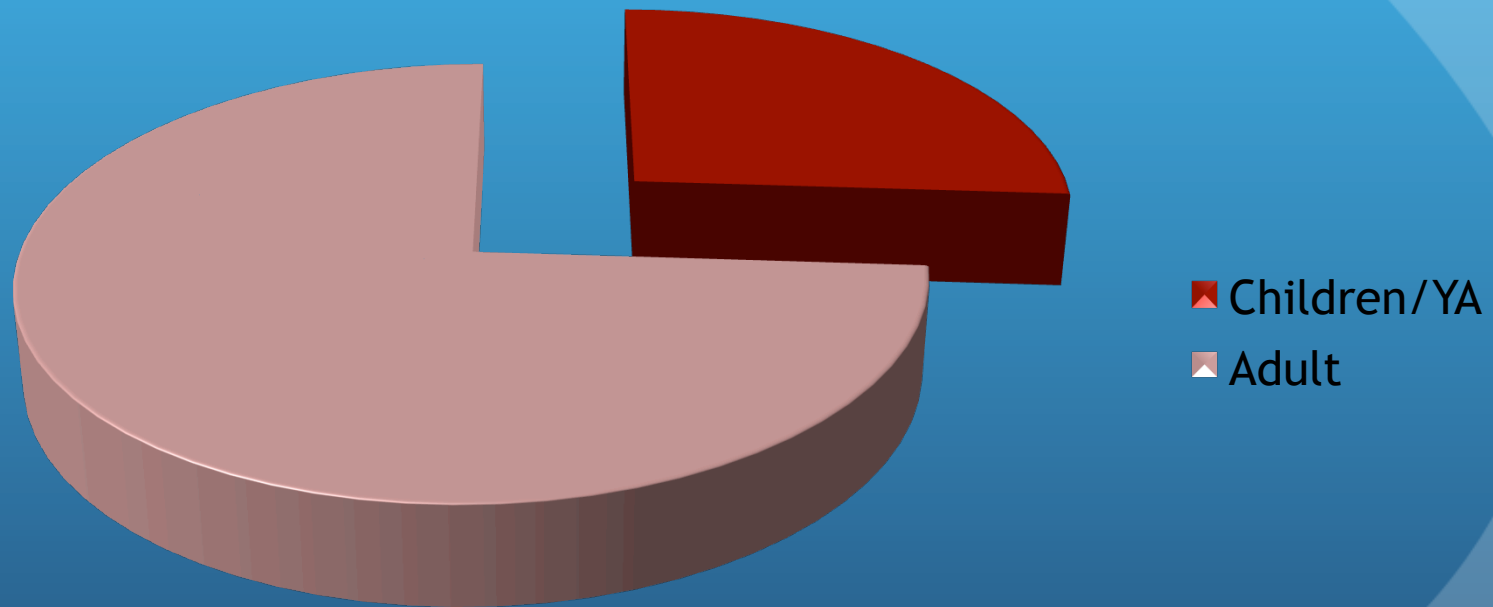


Source: Library Journal Survey of Ebook Penetration - 2010-2012

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High Demand, Low Availability

Titles Owned



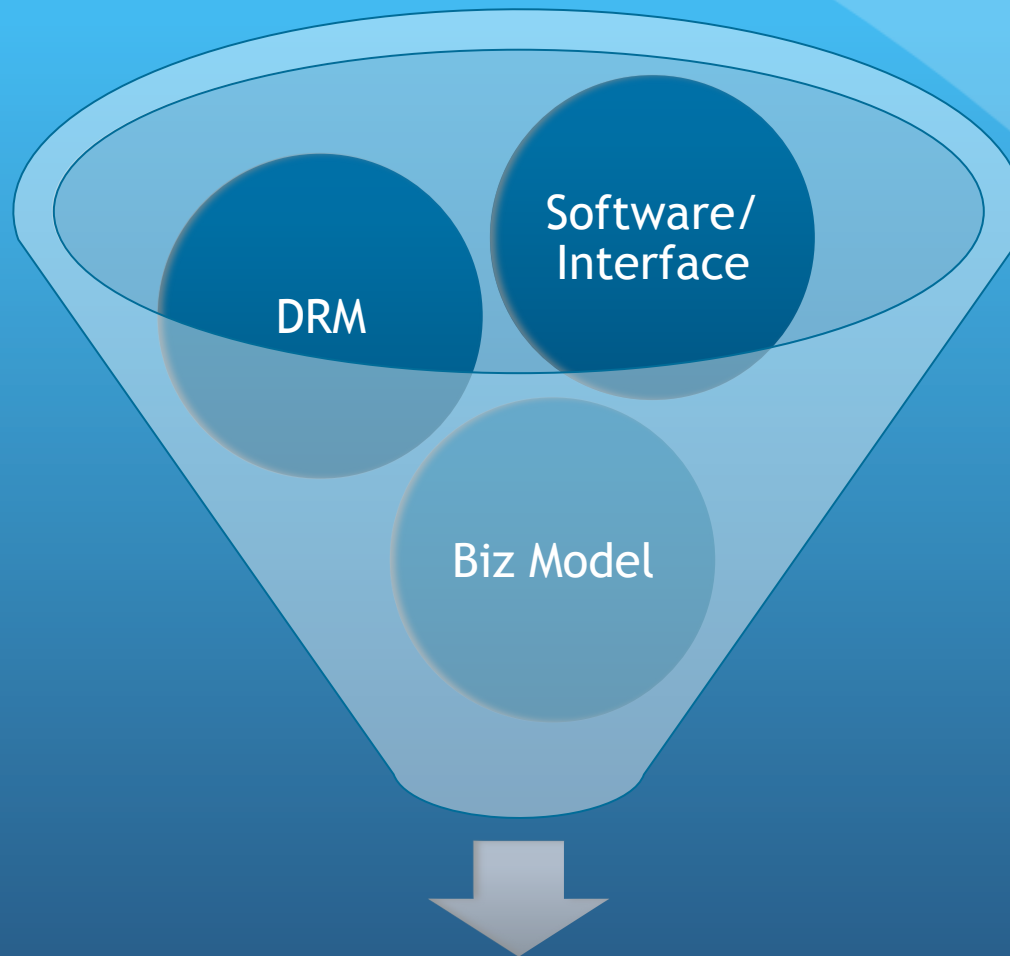
Source: Library Journal Survey of Ebook Penetration - 2010-2012

Sue Polanka, WSUL & No Shelf Required, Jan. 2013

Rule #1

You're not just buying content

Content in a Container



eBook

Sue Polanka, WSUL & No Shelf Required, Jan. 2013

Do you want to..



Build



Access

Business Models & Licensing

- Free
- Perpetual Access
 - Single User (checkout)
 - Multi User
 - Unlimited Use
 - Patron Driven
- Subscriptions
- Short-term Loan



Access or
build a
collection?

Ongoing
Fees?

Business Models & Licensing

- Free
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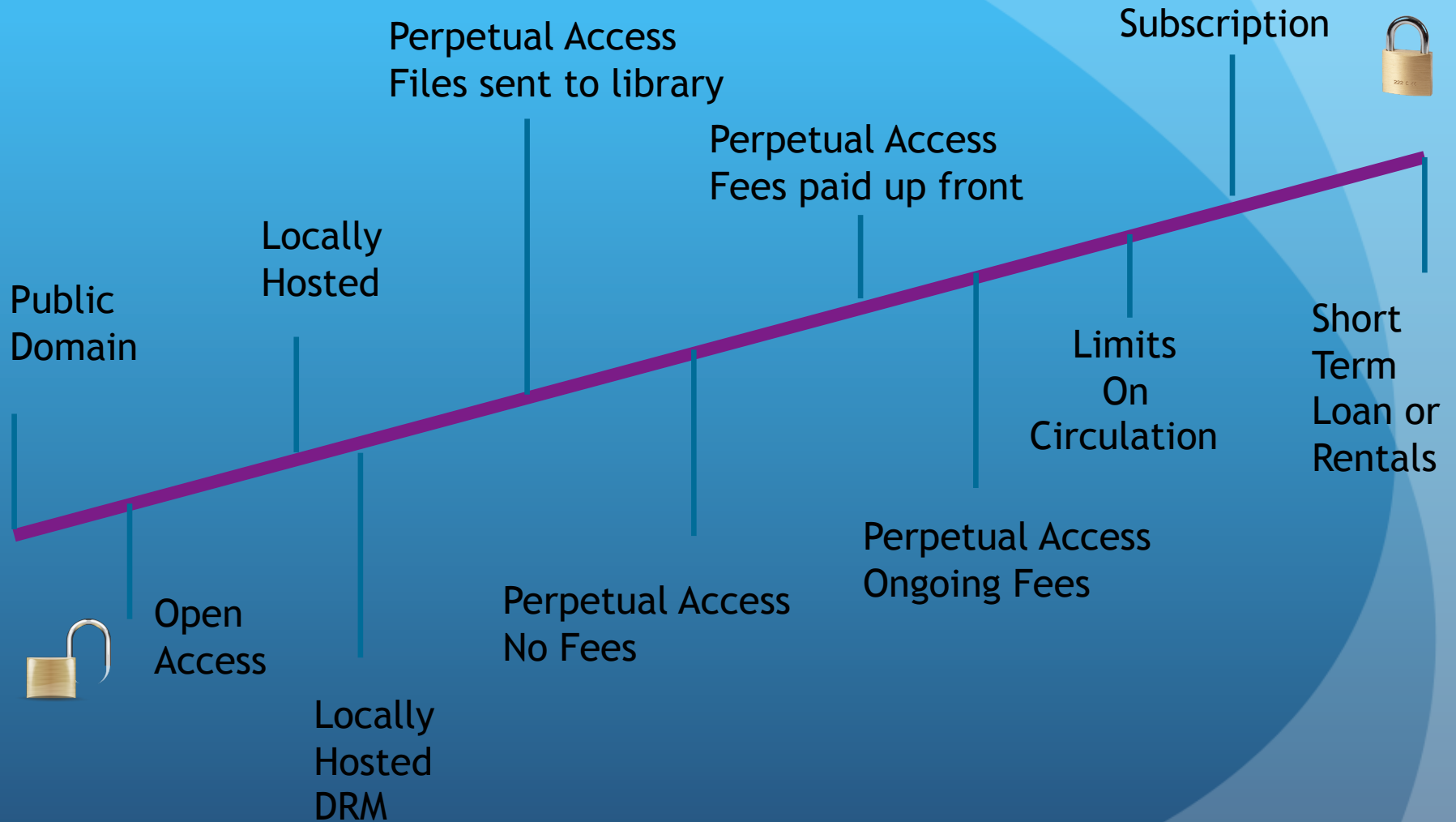


Access or
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Ongoing
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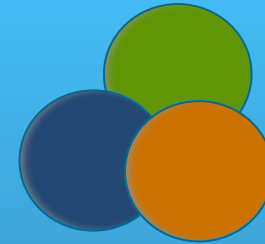
The content you want determines the vendor, business model, license, and format you will get.

eBook Access Levels



Free children's ebook collections

- Big Universe
- Book Glutton
- Children's Books Online
- Classic Reader
- Fiction.us
- International Children's Digital Library (need account)
- Magic Keys
- Project Gutenberg
- Read Print



What about the future?

Library Services in the Digital Age

Pew Internet Research Study, 1/22/2013

- Free computers and internet access now rivals book lending and reference expertise as a vital service of libraries.
- A notable share of Americans say they would embrace even wider uses of technology at libraries.

Library staff opinions

Pew Internet Research Study, 1/22/2013

- Three most popular services are:
 - Classes on e-borrowing
 - Classes on handheld reading devices
 - Online ask a librarian service

Public Priorities for Libraries

Pew Internet Research Study, 1/22/2013

Libraries should “definitely do” this

85% - coordinate more closely with **local schools**

82% - free **literacy programs** to help young children

59% - comfortable spaces for reading, working, relaxing

53% - offer a broader selection of **e-books**

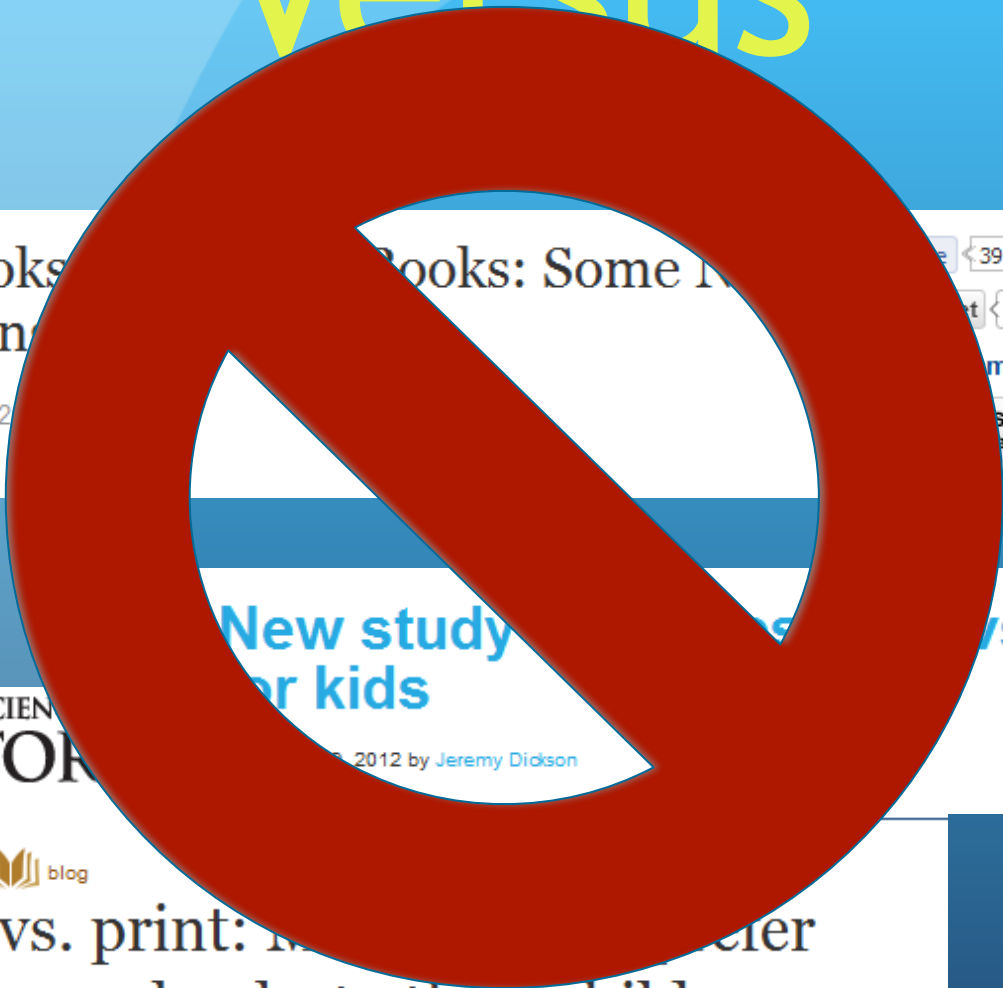
Black and Hispanic Communities

Pew Internet Research Study, 1/22/2013

Are more likely to use these services:

- Cell app
- Ask a librarian service
- Service to test new technology and devices
- Classes on downloading e-books
- Kiosks/red boxes
- Media lab to create e-books, movies
- Borrow loaded e-book readers
- GPS app to locate materials
- Classes on e-readers
- Customized online recommendations

Versus



E-Books vs. Print Books: Some Findings
Jun 14, 2012
Comments (6)
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New study shows that kids prefer reading paper books to their children
The CHRISTIAN SCIENCE MONITOR
2012 by Jeremy Dickson
Share

chapter & verse blog
E-books vs. print: no difference in children's reading
reading paper books to their children

Community Needs

Interactions



<http://vanmeterlibraryvoice.blogspot.com/2013/01/3rd-grade-fans-of-biblionasium-skype.html>

Sue Polanka, WSUL & No Shelf Required, Jan. 2013

Lisa Guernsey, Early Ed Watch

In my interpretation of the existing research, that means educators and parents should be **zooming in on the quality of the interactions** children are having with their parents, siblings and teachers as they use media. Child development research shows us the positive impact of meaningful back-and-forth conversations and a shared focus on enriching content on a child's language **development**. Let's aim for early learning experiences, with new media and without, that enable children to have those kinds of interactions.

http://earlyed.newamerica.net/blogposts/2012/children_and_media_saying_we_just_dont_know_isnt Quite Right-68017

Sue Polanka, WSUL & No Shelf Required, Jan. 2013

Thank You!

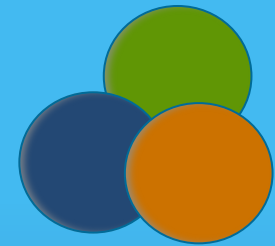
Questions?

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Resources



- ALA Econtent - www.americanlibrariesmagazine.org/e-content
- The Unquiet Librarian - theunquietlibrarian.wordpress.com/
- Not So Distant Future - futura.edublogs.org/
- No Shelf Required - www.noshelfrequired.com
- ALA TechSource blog - www.alatechsource.org/blog
- LJ/SLJ ebook Summit - www.thedigitalshift.com
- Raised Digital by Jeremy Breuck (Akron) - drupal.bruecke.org
- Joan Ganz Cooney Center - joanganzcooneycenter.org

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