POLICYLAB

UNDERSTANDING BOOK FEATURES THAT PROMOTE PARENT-CAREGIVER SHARED READING

Amatallah Saulawa Danielle Erkoboni, MD, & Danielle Sands, MPH





Can you remember the first time you were read to as a child?



Your earliest experience with reading probably looked like this...







Context

- Shared reading involves an adult actively encouraging a child's participation during the reading process.
- Early shared reading is associated with children's school achievement & positively affects children's early literacy in both high and low-income families
- Frequency of shared reading has been associated with children's early literacy
- Yet, only 42% of parents report to reading aloud to their children everyday.
- Missing out on shared reading can have detrimental long-term effects on child achievement and development.

If a child you *just* finished reading to said "Again! Again!", what about a book would make you say "Sure!"?



Project Overview

 The Shared Reading User Experience Study surveyed 197 caregivers and identified parent, child, and parent-child favorite books



 Goal: To understand the features of "favorite" books to promote shared reading and optimize initiatives like Reach Out and Read



Research Question

What features define a favorite book?



Methods

Read books (n=47) to identify common visual, physical, and thematic characteristics.

(12 vague titles excluded from analysis)

Created a codebook that defined 27 identified themes

Qualitatively coded the visual, physical, and conceptual themes present in books using excel

(Intercoder reliability of [88%], secondary coding done by R.M.)

Analyzed data in Excel



Methods

1	Title	Favorite	Rhymes?	Nursery Rhyme?	Song-Like?	Tactile?	Colorful?
2	The Wheels on the Bus	Child	No	Yes	Yes	Yes	Yes
3	The Itsy Bitsy Spider	Child	No	Yes	Yes	No	Yes
4	Old MacDonald Had a Farm	Child	No	Yes	Yes	Yes	No
5	Never Touch a Monster	Child	Yes	No	No	Yes	Yes
6	Jabari Jumps	Child	No	No	No	No	No
7	Goodnight, Goodnight Construction Site	Child	Yes	No	No	No	Yes
8	Good Night Philadelphia	Child	No	No	No	No	Yes
9	Clifford the Big Red Dog	Child	No	No	No	No	Yes
10	Chicka Chicka Boom Boom	Child	Yes	No	Yes	No	Yes
▲ 11	Barnyard Dance!	Child	Yes	No	Yes	No	No
▼ 14	A to Z	Child	No	No	No	No	No
15	The Mighty Avengers	Child	No	No	No	No	Yes
16	Shapes	Child	No	No	No	No	No
17	Moo, Baa, La La La!	Child	Yes	No	Yes	No	Yes
18	Wild Animals	Child, Last Book	No	No	No	No	No



Findings: Parent Favorites (n=20)



Parent-favorites promoted values

• 70% of parent favorite books contained a moral lesson



Respect everyone

--"A person's a person, no matter how small."

Face your fears

I told you I told you there was aftaid d. Fac --"I <u>t</u> afra

--"I <u>told</u> you and <u>told</u> you there was nothing to be afraid of."



Help those who need it

--"Thanks, little brother", said the Dump to Blue. "You helped me and they helped you."



Parent-favorites were usually longer

70% of parent favorites were medium or long, taking between 4-7 minutes to read

30% of parent favorites were short (1-3 minutes to read)



Parent favorites contained themes of parental love

 35% of parent favorites had a theme of parental love compared to 6% of child favorites





Findings: Child Favorites (n=15)



Child favorites had a lot of visual appeal

- 73% of child favorites had a colorful cover
- 60% had colorful pages
- 53% use bright/bold colors
- 63% contained some variation in text size, color, font, etc











Child favorites were usually short

80% of child favorites were short (1-3 minutes to read)

0% of child favorites were long (5-7 minutes to read),

Contrastingly...

40% of parent favorites were long



Findings: Parent-Child Favorites (n=12)



Shared favorites had visual appeal, animals, and rhymed Little Blue Truck Llama llama red paiama waiting waiting for his mama 75% 83% e McElmuron animal on animal characters cover he wasn't hungry any more-and he wasn't a little caterpillar any more. as a big, fat caterpillar. 83% **58%** But our fish said, "No! No! Make that cat go away! bright/bold Tell that Cat in the Hat rhymed You do NOT want to play. Children's Hospital of Philadelphia colors He should not be here. PolicyLab

The covers of their favorites were mostly colorful and included an animal 80% of the books had an animal on their cover 65% had a colorful cover 70% of parent favorites included repetition of words or phrases

Other thoughts:

Auditory and tactile characteristics (rhyming, song-like, cutouts/pop-ups, etc.) were not defining characteristics across any of the categories



Other Findings



Auditory and tactile elements weren't prominent across any "favorites"



Racial diversity is limited in "favorite" books

- 53% of child favorite, 50% of parent favorite & 67% of parent-child favorite books could not be analyzed for racial diversity (no humans)
- Only 29% of child favorites, 20% of parent favorites were diverse
- Signals a broader





Future Research

•Does reading books with "favorite" characteristics lead to richer shared reading experiences?

What role does the age of children play in determining their favorite books? How much does access to "favorite" books influence reading in lowincome families?





- Research using novel methods is useful and fun!
- Objective qualitative analysis is tricky, but crucial



Acknowledgements

- Dr. Danielle Erkoboni
- Danielle Sands, MPH
- Ria Medagam
- Parents
- SUMR Cohort
- Joanne Levy



QUESTIONS AND COMMENTS?



PolicyLab

Children's Hospital of Philadelphia 3401 Civic Center Boulevard Roberts Center, 10th Floor Philadelphia, PA 19104

ajs0224@auburn.edu policylab.chop.edu @PolicyLabCHOP