

Play + Relationships + Academics: Teaching in the Ways Kindergartners Learn Best

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Moderator



Lisa Guernsey

Senior Fellow and Strategic Advisor, Education Policy Program
New America

Presenters



Nell Duke, Ed.D.
Executive Director
Center for Early Literacy Success
Stand for Children



Anya Hurwitz, Ed.D.
Executive Director
Sobrato Early Academic
Language (SEAL)



Deborah Leong, Ph.D.
Co-founder and President
Tools of the Mind

Presenters



Kathryn Hirsh-Pasek, Ph.D.

Professor of Psychology
Temple University

Senior Fellow
Brookings Institution



Making Schools Work

Bringing the Science of Learning
to Joyful Classroom Practice



Kathy Hirsh-Pasek

Roberta Michnick Golinkoff • Kimberly Nesbitt
Carol Lautenbach • Elias Blinkoff • Ginger Fifer

FOREWORD BY PASI SAHLBERG

Three Important Findings on Teaching and Learning in Kindergarten

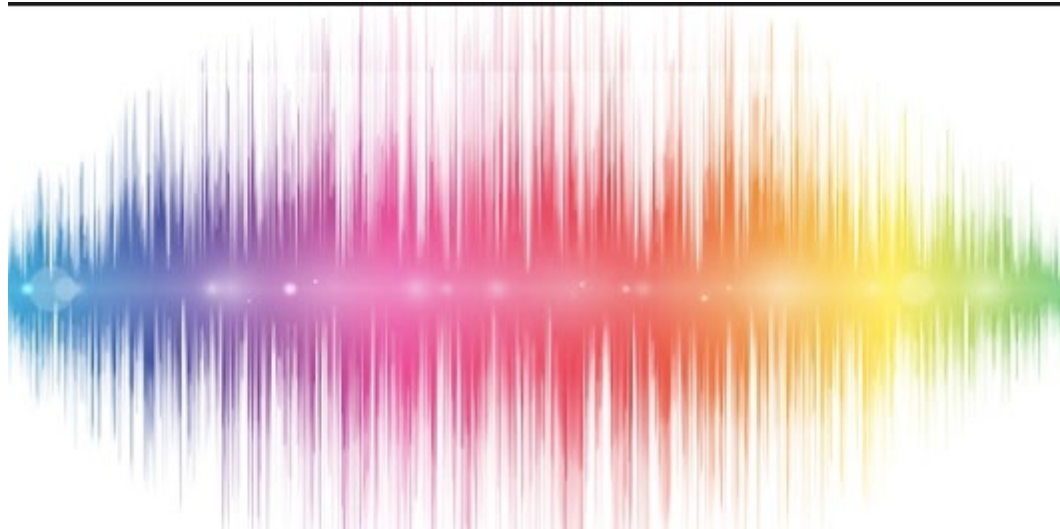
- Full day Kindergarten is better than half day Kindergarten
- Kindergarten should NOT be the new first grade
- Children learn best in active, playful learning

Stop the *schoolification*: Unconstrained skills build constrained skills: The 6Cs

		 Collaboration	 Communication	 Content	 Critical Thinking	 Creative Innovation	 Confidence
	Level 4	Building it together	Tell a joint story	Expertise	Evidence	Vision	Dare to fail
	Level 3	Back and forth	Dialogue	Making connections	Opinions	Voice	Calculated risks
	Level 2	Side by side	Show and tell	Wide breadth / Shallow understanding	Truths differ	Means-end	Where do I stand?
	Level 1	On my own	Raw emotion	Early learning / Situation specific	Seeing is believing	Experimentation	Barrel on

This breadth of skills is nurtured in playful learning

	Free Play	Guided Play	Games	Direct Instruction
Initiated by:	Child	Adult	Adult	Adult
Directed by:	Child	Child	Child	Adult
Explicit learning goal:	No	Yes	Yes	Yes



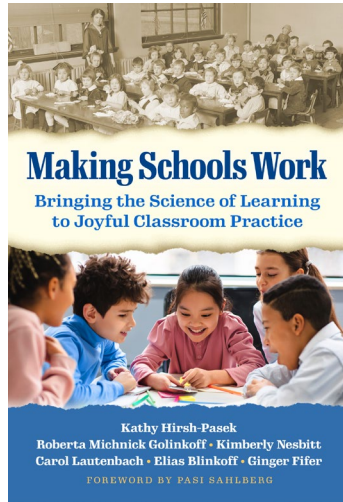
Science says guided play is the *sweet spot* for learning



Plus a clear learning goal!



Preliminary research demonstrates the feasibility for guided playful learning Kindergarten classrooms....



- For more and less resourced schools
- Showed increases in standardized test scores
- Decreases in referrals to OT and special education
- Increases in teacher happiness!

We are using a three-part equation, and a coaching model to train a playful learning mindset and to test educational impact in *schools* across 4 states



Plus a clear learning goal!

Level 4	Building it together	Tell a joint story	Expertise	Evidence	Vision	Dare to fail	
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Cultural values + The science of *how* children learn + The science of *what* children learn

The most important finding is that there are so many important findings.



Contributors to Literacy to Develop in Kindergarten

- Concepts of print
- Phonemic awareness
- Morphological awareness
- Letter(s) – sound(s) knowledge
- Decoding and encoding
- Handwriting
- Genre knowledge for reading & writing
- Comprehension strategies
- Writing strategies
- Oral language, especially vocabulary knowledge
- Science content and process knowledge
- Social studies content and process knowledge
- And more. . .

So a pressing question is how to build a kindergarten day that does all that we want it to.

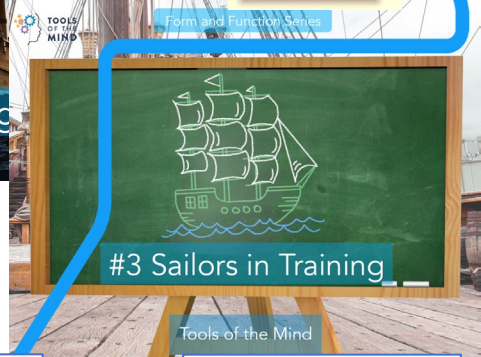
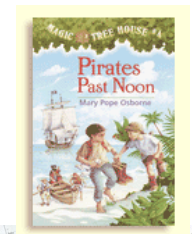


Fitting it all in

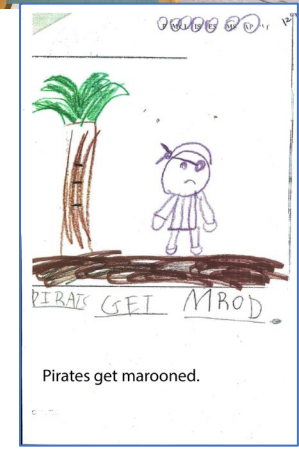
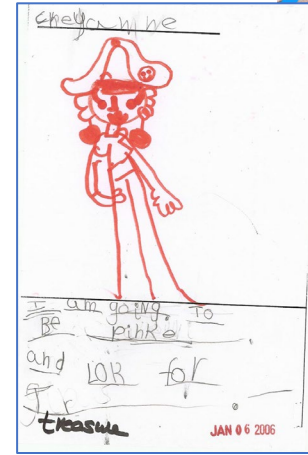
1. Clearing out what doesn't work
2. Engaging in time analysis
3. Working toward instructional density
 - Within a domain
 - Interdisciplinary instruction



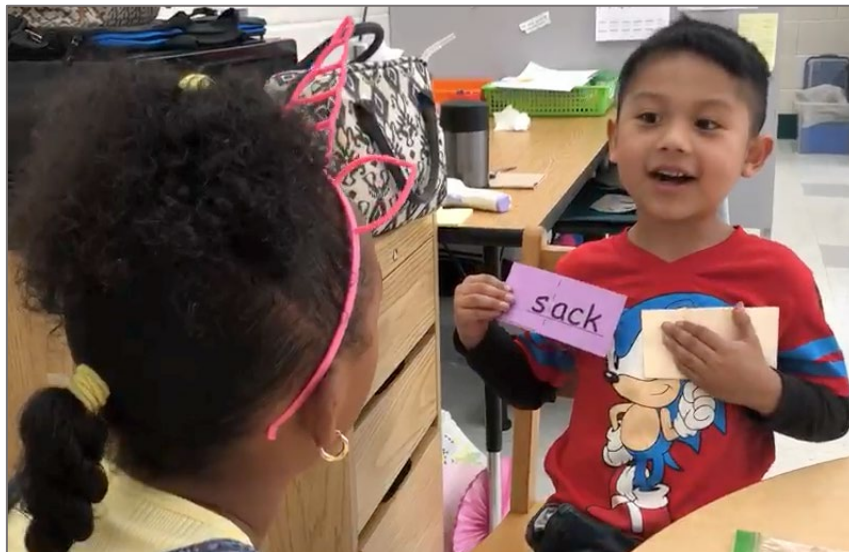
Using Play to Teach Academics and Self-Regulation



#2 Pirates Working Together



Using Learning Games To Teach Academics & Self-Regulation



○ ◯ △ ◇ □ □ ◯ ◯

Learning Record - Decoding Game
Name: Annie
Date: _____
Last word played:
log

My new words:

bog

dog

frog

Using Learning Plans & Conferences To Develop Self-Regulated Learners



○ ◻ △ ◊ ◻ ◻ ◻ ◻

Learning Record - Decoding Game
 Name: Annie
 Date: _____
 Last word played:

log

My new words:

bog

dog

frog



Name: ASALEX Date: 2/13/12
 Study Buddy: RILEY

Listening Center <input type="checkbox"/>	Stories <input type="checkbox"/>
<u>FLING</u>	<u>PSSXP</u>
Investigations <input type="checkbox"/>	Personship <input type="checkbox"/>
<u>KUFE</u>	<u>LTRBOOK</u>
Word Puzzles <input type="checkbox"/>	Make A Book <input type="checkbox"/>
<u>WPHSB</u>	
Literacy Games <input type="checkbox"/>	Sound Center <input type="checkbox"/>
	<u>INVOUS</u>
My learning goal is:	<u>WFL SANZ</u>

Learning Goal:
Middle Sounds

Creating a Community of Learners To Develop Positive Social Relationships



Commentators



Cynthia Crespo
*Kindergarten Special
Education Teacher*
New York City Schools



Seymonnia Cutkelvin
Kindergarten Teacher
New York City Schools



Luis Gallego M.A.Ed.
*Partnership Development
Manager*
Tools of the Mind

Questions & Discussion

Upcoming GLR Learning Tuesdays Webinars:

GLR LEARNING TUESDAYS: LEARNING LOSS RECOVERY CHALLENGE

Real-Time Data & Equitable Learning Recovery: Emerging Pathways to Smarter Decisions?

Tuesday, December 6, 3–4:30 p.m. ET/12–1:30 p.m. PT

CRUCIBLE OF PRACTICE SALONS

United Way & CGLR: Aligning for Impact in Education

Tuesday, December 13, 12:30–2:00 p.m. ET/9:30–11:00 a.m. PT

GLR LEARNING TUESDAYS: LEARNING LOSS RECOVERY CHALLENGE

Follow the Money: \$190 Billion to Confront Challenges, Seize Opportunities

Tuesday, December 13, 3–4:30 p.m. ET/12–1:30 p.m. PT

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