Play Your Way to Literacy







The Work of Play

Presented by Dr. Betsy Diamant-Cohen

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Agenda

- 1. Value of play supported by research
- 2. Ages and Stages
- 3. Play and Storytime
- 4. Types of play
- 5. Lack of Play
- 6. Improving the quality of children's play
- 7. Practical tips for adding more play

Go Bananas!



A is for Apple...

Write down as many words, experiences, activities and concepts that can relate to a real apple.

Describe how it looks, smells, feels, tastes...

Describe what you can do with it...

Describe what you can know about apples...

Direct Experience Leads to Understanding

- RIGHT ON, PIAGET!!!
- "Hands on, minds on, feelings on" experiences are the foundation for the development of symbolic understanding







Direct, Hands-On Experience

- · Stimulates language
- · Leads to understanding
- Allows the formation of symbolic thought
- Involves multiple pathways in the brain
- Holds the power of DISCOVERY learning

play

/plā/ ♠

verb

Engage in an activity for enjoyment and recreation rather than a serious or practical purpose.

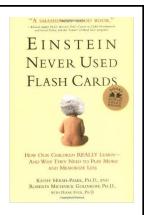
noun

Activity engaged in for enjoyment or recreation, especially by children.

"Drill & Kill"

vs

Learning Through Experimentation and Play

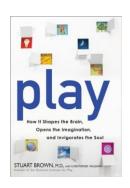






Dr. Stuart Brown

- Founder, National Institute of Play
- Trained in general and internal medicine, psychiatry and clinical research
- Instigator and Executive Producer of the three-part PBS series, "The Promise of Play."



"The opposite of play is not work – the opposite of play is depression."

Dr. Stuart Brown

Dr. Brown's 7 Properties of Play

- 1. Apparently purposeless (done for its own sake)
- 2. Voluntary
- 3. Inherent attraction
- 4. Freedom from time
- 5. Diminished consciousness of self
- 6. Improvisational potential
- 7. Continuation desire



Play affects mental and physical health

Emotional control Social competency Personal resiliency Continuing curiosity



Play is an essential part of a child's life.



- Enables perspectivetaking
- Builds social and linguistic competence
- Builds relationships

Play builds social, emotional, and cognitive skills





Research supports the value of play; It builds skills in many domains

- Relieves stress, confronts fear
- Fine & gross motor skills
- Language & communication skills
- Math skills
- Science skills
- Social skills

Developmental Tips are Your Tools To Help Parents

A few short and simple sentences with 3 parts

- 1. WHAT? Identifies what the action is
- 1. WHY? Tells parents why it is important
- **1. HOW?** Explains how it might be replicated at home

Now, think of a Developmental Tip!



From birth to 12 months, children use ALL of their senses.



Babies enjoy:

- Exploring the world
- Having pleasurable play interactions with parents and other people
 - Builds babies sense of self-worth
- Being entertained with songs, books and conversations
 - Is the beginning of reading readiness



Books can be played with or read aloud



From 12 months to 24 months, children build relationships and discover what their bodies can do.



They enjoy:

- Playing peek-a-boo,
- Handing an item to someone and taking it back,
- Waving and blowing kiss,
- Following one-step directions and getting appreciation.
- Hearing stories, looking at pictures and swhat they are.



Strengthening Parent/Child Bonding while building social, emotional, and literacy skills



From 24 months to 36 months, children learn problem solving.



They enjoy:

- · Showing that they have minds of their own,
- Experimenting with independence,
- Puzzles
- · Moving- crawling, leaping, running and walking
- · Often wanting to do things "by myself."



At age three, children participate in pretend play.



They enjoy:

- · Playing dress-up and make-believe games,
- · Sharing toys with others,
- · Listening to stories (while seated!),
- Playing games with playmates.



From ages three to five, the world of play expands!



Preschoolers enjoy:

- · Storytelling with others during imaginary play,
- Conversations,
- · Somersaults and tumbling,
- Painting,
- · Counting,
- · Word play.

Storytime/ Circle Time Builds Early Literacy Skills

- Exposes children to books
- Build vocabulary
- Introduces other people's point of view through stories
- Expands general knowledge
- Models book reading behavior



The Six Skills That Help Children Become Ready to Learn to Read

Print awareness
Letter knowledge
Phonological awareness
Vocabulary
Narrative skills

Print motivation



ECRR2: Five Practices that Help Children Become Ready to Learn

- Talk
- Sing
- Read
- Write
- Play



EVERY CHILD READY TO READ @ your library

Storytime/Circle Time Can Also....

- Awaken imagination
- Give opportunities to practice teamwork
- Help children practice their self-regulation skills
- Strengthen parent/child bonds
- Incorporate play experiences
- Build 21st century skills



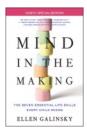
21st century skills



Creative thinking, being able to go outside of the box, is developed though play experiences.

Seven Essential Life Skills Every Child Needs

- 1. Focus and self-control
- 2. Perspective taking
- 3. Communicating
- 4. Making connections
- 5. Critical thinking
- 6. Taking on challenges
- 7. Self-directed, engaged learning







Different types of play can strengthen a variety of skills and lead to literacy.



- 1. Physical play
- Competitive play
 Puppet play
- 4. Arts and crafts play
- 5. Music play
- 6. Constructive play
- 7. STEM play
- 8. Book play
- Role-playing, storytelling, and fantasy play
 Digital media play

1. Physical Play

- Movement fires up the brain
- · Builds fine and gross motor skills
- Entices children to exercise
- Promotes health
- · Gets out excess energy
- Helps children practice behavior regulation
- · Increases focus and retention
- Enhances learning by physically acting out words and concepts





Ages and Stages of Physical Play



- ✓ Infants kicking and waving,
- ✓ Babies rolling and crawling,
- ✓ Toddlers pushing and walking,
- Children climbing, running, hugging, tagging, jumping, leaping, hopping, turning, and dancing. (Preschoolers have more finely developed motor skills)





Recommendation: Add Movement to Storytime!

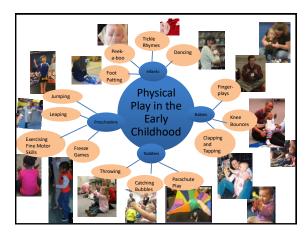
Allows children to connect concepts to actions.

Develops self-awareness and self-regulation.

Helps retain







2. Competitive Play

- Teaches rule-following and turn-taking
- Builds self-confidence when a child wins
- Teaches how to accept losing with grace (hopefully!)
- Involves functioning as part of a team.





Examples of Competitive Play



3. Puppet Play Benefits

- Gives children practice communicating
- Prompts children to use words and sentences
- Builds narrative skills
- Is a natural platform for using the imagination



Children love puppets.

Puppets can put shy children at ease. They easily capture children's attention.





Acting out the story of "The Three Little Pigs"



(with construction paper puppets)





Activity: Puppet Interviews

- · Interview your puppet.
 - Ask for the puppet's name.
 - Find out what the puppet's favorite activity is.
 - What is the puppet's favorite food?



• Be ready to introduce your puppet and share his/her/its answers with the group!





4. Arts and Crafts Play

- Helps to build fine motor skills which are later used for writing
- · Encourages creativity
- Exposes children to a variety of materials
- · Enhances visual literacy





5. Music Play - Singing

Singing is great way to teach vocabulary words and to recognize emotions.





Row, Row, Row Your Boat

Row, row, row your boat, Gently down the stream. Merrily, merrily, merrily,

Life is but a dream.









6. Constructive Play

- Learning through action and observation
- Practices engineering skills: manipulation, building, and fitting things together.
- Applies cognitive and motor skills



Playing with blocks encourages imagination







It also builds math and language skills

Block play can build self-esteem



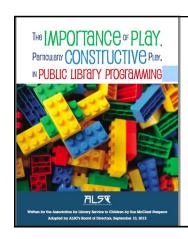
Block play strengthens early literacy skills

I just built the biggest castle in the world!



This is a castle.
Girls only!

Block play builds problem solving skills.



Let's Build!

- 1. Divide into groups.
- 2. Group A builds while Group B observes and takes notes.
- 3. Group B observes while Group A observes and takes notes.

7. STEM Play Involves experimentation Introduces children to science, technology, and math in fun ways Encourages children to recognize science in the world around them Models enjoyable learning activities for parents

Soakers go well with Arts & Crafts Activities

- Pop-up programming
- "Soak up" time
- · Works with all ages







Diffusion Butterflies



Simple Steps for Soakers

- 1. Portable.
- 2. Simple (not too many "props" involved; easy to set up and disassemble).
- 3. Safe (only use non-toxic materials and never leave the table unattended).
- 4. Age appropriate.
- 5. Unusual (not something that a child is likely to do at home or at school).

Soakers can involve science experiments, arts and crafts, and even hairdressing!







Rapunzel's Hair Styling Salon

What's Inside? Using the clues to form a hypothesis

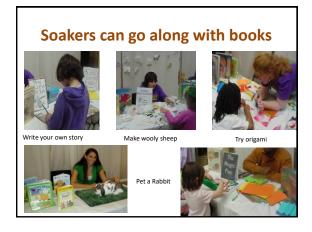


Making snow (sodium polyacrylate)



http://www.thinkgeek.com/product/79ea/?cpg=cj&ref=&CJURL=&CJID=1215086







Create temporary early literacy spaces!

During Children's Book Week, section off part of your library and make a children's book come alive.

Choose a book.

Create stations with activities.

Use signs.





Where's Spot?





Using a simple plastic bucket, a ladle, shredded paper, a bowl, and a stuffed animal dog makes the story come alive.





Rosie's Walk



9. Scarf Play









Playing with colored translucent scarves ignite everyone's imagination. They can be waved, blown, scrunched up, and thrown.

Other forms of Imaginative Play: Role-playing, Storytelling, and Fantasy Play

- · Encourages a natural mode of learning
- · Allows children to construct meaning in their worlds
- · Strengthens psychological, intellectual and social development







10. Digital Media Play - Benefits

- Build's upon children's aptitude for technology
- -Familiarizes children with technology.
- Gives opportunities for collaboration
- Encourages social interactions
- Enables some children to communicate better
- Allows non-writing children to express themselves in print





Technology itself is not good or bad, it is what is done with it that matters.





What's happening to creativity?

"The more our time 'digital native' kids spend on entertainment media, the more we lose the tactile intelligence critical to design and manufacture physical products. So let's encourage children to start physically building and tinkering again."

The Conversation Duet

Research Tidbits

Passive viewing does not stimulate the brain Cell-phone interruptions reduce learning

BUT

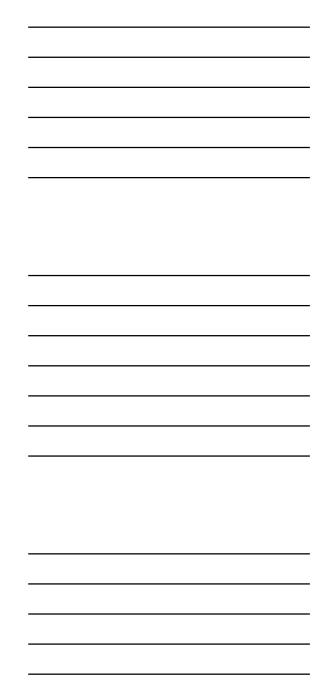
Back-and-forth interaction matters
Video chats between people are the same as
personal conversations

Most computer games are not open-ended

Electronic games often:

- follow a script
- involve repetitive actions to reach a goal without stimulating the imagination
- electronic games played individually often replace group or team games.







Let's use technology to build selfregulation skills!

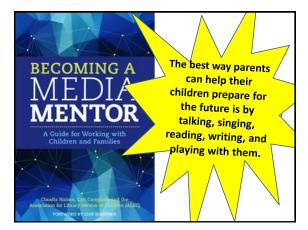




Another Freeze Game



Tips about Using Digital Media Using apps in storytime



Guided play is a planned play environment, enriched with objects that provide hands-on, experiential learning opportunities, infused with learning goals.













5. Lack of Play

Despite the enormous benefits of play, genuine play experiences for many children in the United States today are limited.



"Monkey bars" were once considered standard playground equipment







Carousels were also popular, since they helped children build many skills

- Develops muscle integration and strength
- Improves balance
- Gives children experience with taking risks
- Involves working together as a team





These types of risky play involved



- Goal-setting
- Determination
- Persistence
- Coordination
- Strong muscles
- Conquering fear Learning through mistakes
- Building sense of competence & self-confidence



Playground equipment today

- Strengthens muscles
- Promotes safe, fun activity
- Tries to inspire imagination
- May include "academic games"



Play is disappearing!



In 1981, a typical schoolage child in the US had 40% of her time open for play. By 1997, the time for play had shrunk to 25%

In the last two decades, children have lost 8 hours of free play per week. (Elkind, 2008)

Problems with the State of Play

- · In preschools
 - Some still mistakenly focus on academics
- In schools
 - Accountability has replaced creativity
 - Recesses have been shortened or eliminated
- · In neighborhoods
 - Safety concerns keep children indoors
- In homes
 - Electronic games played individually often replace group board games



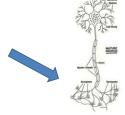
6. Suggestions for Improving Children's Play Experiences

- 1. Nurturing environment
- 2. Scaffolding / guided play
- 3. Engage parents via developmental tips and written prompts
- 4. Take inventory of your space for play opportunities and make the most of it
- 5. Keep it inclusive!

1. Create a Nurturing Environment

It's all about Connections!





2	1
.3	7

"Learning" according to Mr. Rogers

- Self-esteem
- Sense of trust
- Capacity to look & listen carefully
- Curiosity
- Capacity to play
- Times of solitude



2. Scaffolding / Guided Play

"Zone of Proximal Development"



New knowledge builds on previous learning.

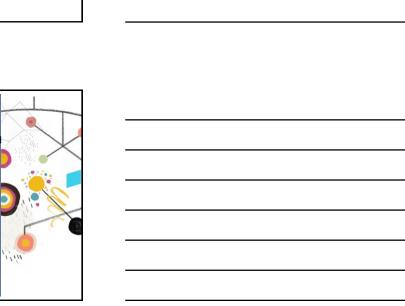
Ideal learning takes place when adults look at where children are and then scaffold them!

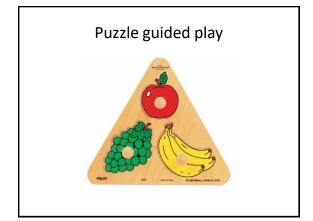
"What Babies Know About Physics and Foreign Language"

The new information economy, as opposed to the older industrial one, demands more innovation and less imitation, more creativity and less conformity.

New studies show that explicit instruction, the sort of teaching that goes with school and "parenting," can be limiting. When children think they are being taught, they are much more likely to simply reproduce what the adult does, instead of creating something new.

Alison Gopnik, NY Times, July 30, 2016









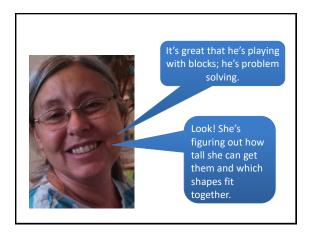




Developmental Tips

- As an "aside" during library programs
- As an "aside" during informal conversations with library visitors
- "Dropped into conversation" while speaking with a parent in the Early Literacy Play Area

Try memorizing one or two developmental tips, or keep them written on cards at your desk.



Let parents know the vital role they play in ensuring their child has a healthy play "diet"

Eat 3 well-balanced meals well-balanced meals every day

Ext the basic 7 or correctly thand 8 or correctly the basic 7 or correctly the basic 7 or correc

3. Engage Parents

A few simple signs with intentional words can help expand an activity and increase its benefits.

Signs can tell parents about the value of play



But.... too many signs create clutter

Fill in the blanks for Positive Play Experiences

- "Thank you for _____."
- "What a good problem solver you are, you were able to______."
- "It's so much fun to play with you; you are so good at _____." (sharing, taking turns)
- "You were being so kind when you ."

The Center on the Social and Emotional Foundations for Early Learning

6. Practical Tips for Adding more Play







Provide toys and games

Use Early Literacy Activity Centers

- Promote early literacy skills;
 Inspire children to explore and learn through self-discovery;
- Demonstrate the purpose of reading and writing and inspire children to
- Demonstrate the purpose and power of
- Encourage social interactions and oral language development;
- Invite children to gradually understand print concepts;
- Provide practice with real life experiences that require reading; and
- Add an element of fun to the library kids learn when they are having fun.







Scaffolding



Carissa Christner, Wild Rumpus, Week 3

Keep it Inclusive: Include Play for Children of All Abilities

- Multisensory
- Easy to use and/or easy to activate
- Kept in a convenient location that is easily accessible for children who are using wheelchairs or other devices
- Allows for experiencing success.
- Popular with children.



Summing UP



The most rewarding play experiences are child initiated and directed.



- Self-directed
- No time limit
- Children create their own rules
- Everyone is engaged

++ It All Adds Up + +

Research tell us that play is essential in the lives of children.

Playful learning can be in free and guided play.

Scaffolding is directed by the child, but initiated or guided by an adult.

Digital media, as well as books and toys, have a role to play in children's development.

Early childhood teachers, librarians, and parents can create a wide variety of play opportunities for children.



Checklist

- ☐ Focus and self-control
- ☐ Talk
- ☐ Perspective taking
- ☐ Sing
- □ Communicating
- lacksquare Read
- Making connections
- ☐ Write
- ☐ Critical thinking
- ☐ Play
- lacksquare Taking on challenges
- lacksquare Self-directed, engaged learning



Checklist

lue Value of play – supported by research

☐Ages and Stages

☐Play and Storytime

☐Types of play

☐Improving the quality of children's play

☐ Practical tips for adding more play

If we want to encourage learning, innovation and creativity we should love our young children, take care of them, talk to them, let them play and let them watch what we do as we go about our everyday lives.

We don't have to make children learn, we just have to let them learn.

-Alison Gopnik



Thank you for joining in today! Dr. Betsy Diamant-Cohen Children's Programming & Early Literacy Consultant 443-928-3915 betsydc@mgol.org www.facebook.com/mothergooseontheloose Twitter @mgotl