Enhancing Pretend Play Skills in Preschoolers With Autism Spectrum Disorder

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Speaker Disclosure

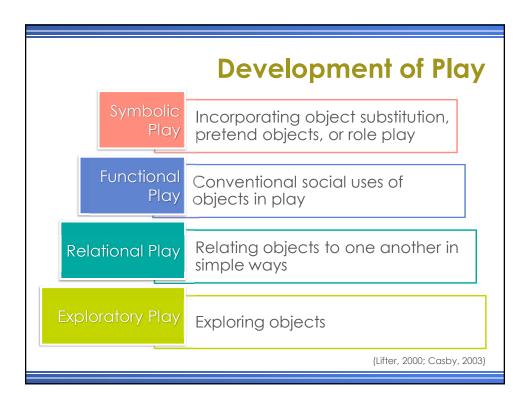
- Financial
 - Professor at University of North Carolina at Chapel Hill
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 - Financial compensation from ASHA for this presentation
- Nonfinancial
 - Lead author of the Advancing Social-Communication and Play Intervention manual/materials

Why Pretend Play Is Important

Object Play

"...consists of spontaneous, naturally occurring activities with objects that engage attention and interest"

(Lifter, Mason, & Barton, 2011)





Why is pretend play important for children with ASD?



Correlated concurrently with language development, imitation, cognitive and social deficits

(Ingersoll & Meyer, 2011; Manning & Wainwright, 2010; Thiemann-Bourque, Brady, & Fleming, 2012; Stone & Yoder, 2001) Correlated longitudinally with language gains

(Stone & Yoder, 2001; Sigman & Ruskin, 1999; Smith, Mirenda, & Zaidman-Zait, 2007) Symbolic play OR joint attention interventions > with more intentional comm. and better language 1 year later vs.

(Kasari, Freeman, & Paparella, 2006; Kasari et al., 2008)

control

Why is pretend play important for children with ASD?



Preschool language skills have long been recognized as good predictors for long-term outcomes in individuals with ASD

(Billstedt, Gillberg, & Gillberg, 2005; DeMyer et al., 1973; Venter, Lord, & Schopler, 1992)

?

But how could pretend play contribute to better language?

Possible Processes Linking Pretend Play to Language Development in ASD

Some "interaction" variables correlated with children's pretend play include:

Caregiver responsiveness

(Campbell et al., 2016)

Caregiver cognitive stimulation (Campbell et al., 2016)

Caregiver-child engagement

(Campbell et al., 2016; Hobson et al., 2013, 2015)

Possible Processes Linking Pretend Play to Language Development in ASD

> Transactional effects between child's pretend play and caregiver behaviors

"Bi-directional feedback loop"

(Campbell et al., 2016; Lieberman & Yoder, 2012)

Pretend play = good context for scaffolding social skills

(Hobson et al., 2015)



Write down a few sentences that you could use to explain to a child's parent why you are recommending pretend play goals as part of the treatment plan for a preschooler with ASD

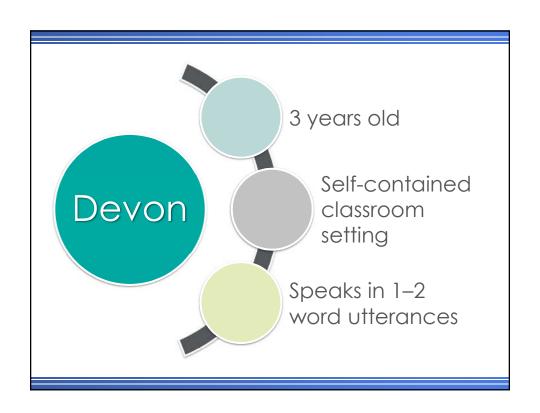
Pretend Play Assessment & Goal Identification

	ay Hierarchy (truncated) (Watson et al.,				
SKILL LEVELS	Exploratory	Relational	Functional	Symbolic	
	Age of Emergence: 2-10 months	Age of Emergence: 10-18 months	Age of Emergence: 12-18 months	Age of Emergence: 18-30 months	
		R3. Child puts several toys together in	F1. Child plays with toys in functional		
		specific ways	or simple pretend ways		
			F2. Child plays with toys in simple		
E			pretend ways directed to self		
-	1	1	F3. Child includes a doll/action figure	-	
5			in simple pretend play with toys		
S		-	F4. Child includes other people in	\$1. Child makes doll/figure move or	
			simple pretend play with toys	do things as if it were alive	
		-	F5. Child uses the same action in	S2. Child does 2 different pretend	
			simple pretend play with two different	actions, one right after another, with	
			people or dolls/figures	the same toy	
				S3. Child does 3 or more different	
				pretend actions, one right after another, with the same toy	
				another, with the same toy	
				S4. Child uses one toy/object to	
				represent or stand for another	
				S5. Child uses pretend qualities in play	
				S6. Child uses pretend objects in play	
SKILL LEVELS				\$7. Child takes on a pretend role in	
				play that other people direct	
				S8. Child suggests pretend role in play	
				to self or other people	
				89. Child expands pretend play with	
				other people into (a) new roles.	
3					

Mastery: The Rule of



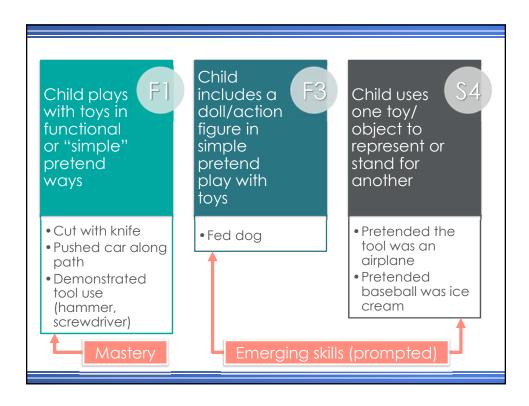
We assume a child has mastered a level in the ASAP hierarchies if the child demonstrates three different, unprompted examples of the behavior during the school day







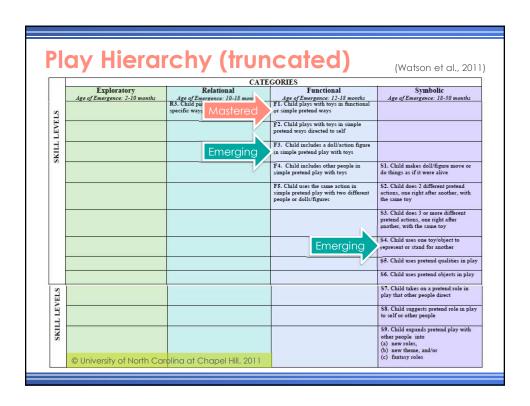






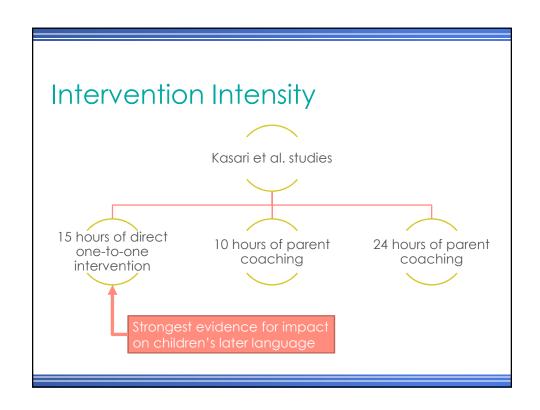


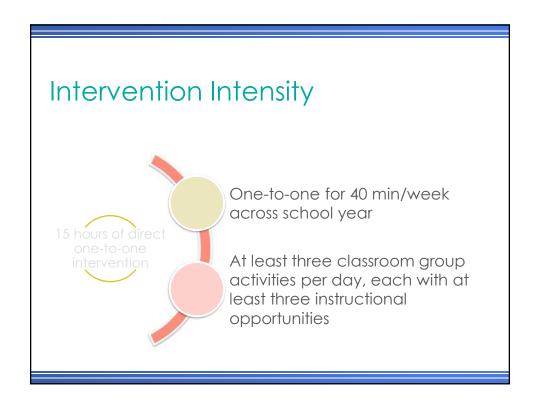
? Which play goal or goals would you choose for Devon?



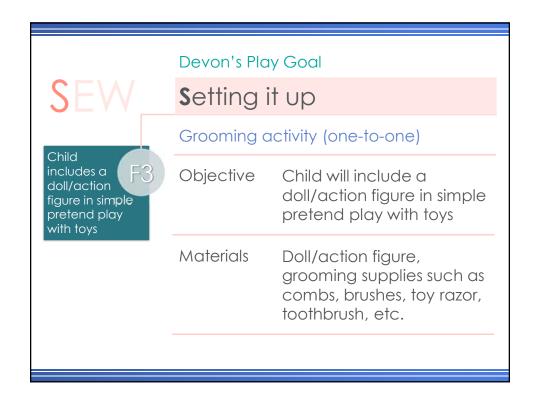
Supporting Pretend Play Development in Children With ASD

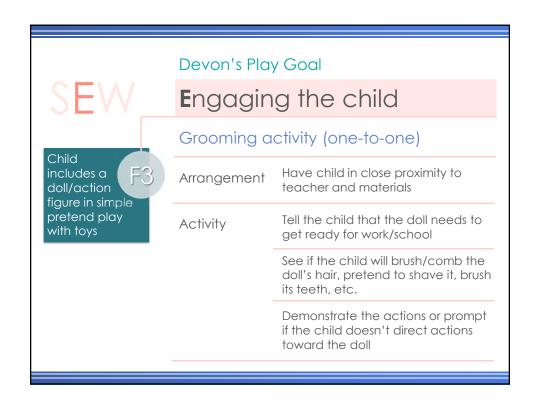


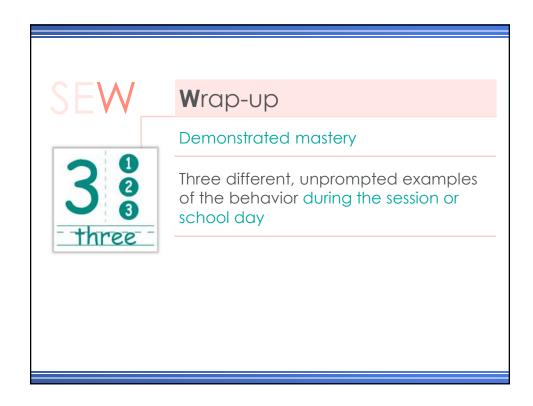






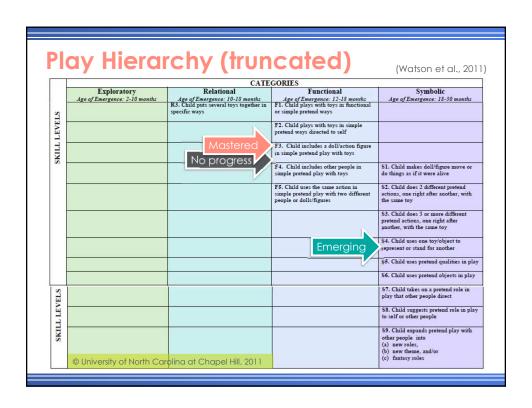




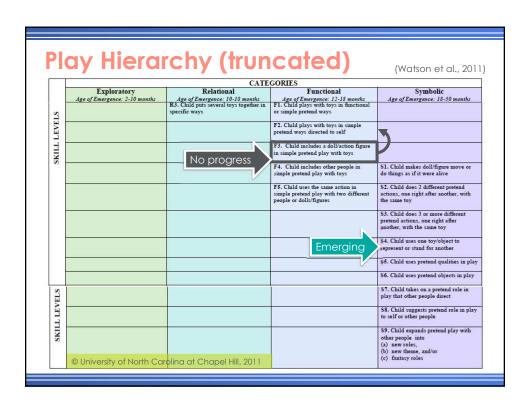








	lay Hierarchy (truncated) (Watson et					
	Exploratory	Relational	Functional	Symbolic		
3	Age of Emergence: 2-10 months	Age of Emergence: 10-18 months R3. Child puts several toys together in specific ways	Age of Emergence: 12-18 months F1. Child plays with toys in functional or simple pretend ways	Age of Emergence: 18-30 months		
LEVELS			F2. Child plays with toys in simple pretend ways directed to self			
SKILL		Mastered	F3. Child includes a doll/action figure in simple pretend play with toys			
S			f4. Child includes other people in simple pretend play with toys	S1 Chia. makes doll/figure move or things . vif it were alive		
Ì			F5. Child uses the same action in simple pretend play with two different people or dolls/figures	S2. Child doe 2 different pretend actions, one ri, ht after another, with the same toy		
İ			R	S3. Child does 3 or more different pretend actions, the right after another, with the same toy		
Ì			Emerging	§4. Child uses one toy/object to gepresent or stand for another		
Ī				§5. Child uses pretend qualities in pla		
ı				S6. Child uses pretend objects in play		
LEVELS				S7. Child takes on a pretend role in play that other people direct		
LLEV				S8. Child suggests pretend role in play to self or other people		
SKILL				S9. Child expands pretend play with other people into		





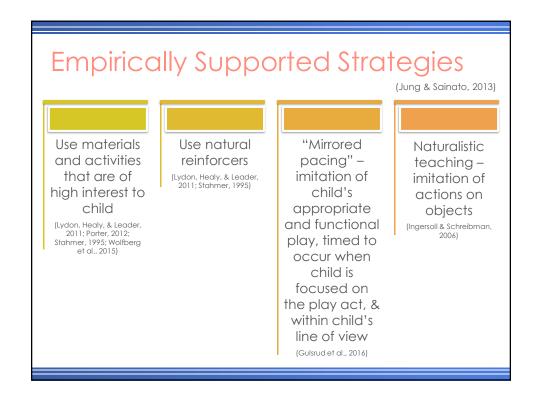


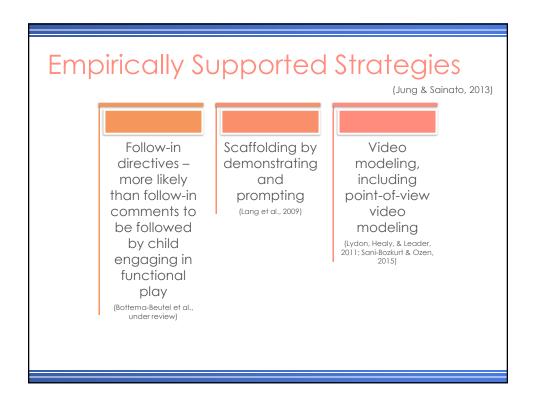




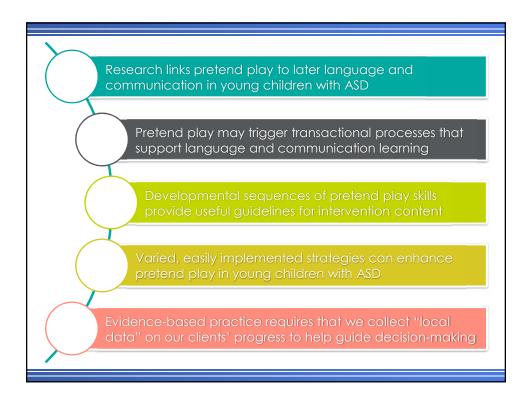
Design another activity

 Either for one-to-one intervention or a small group that would provide opportunities to address Devon's F3 play goal











ASHA STRATEGIC OBJECTIVES

















OBJECTIVE #3: Enhance the generation, publication, knowledge translation, and implementation of clinical research.

OUTCOME: ASHA has enhanced the generation, publication, knowledge translation, and implementation of clinical research.

More information at www.asha.org/About/Strategic-Pathway/