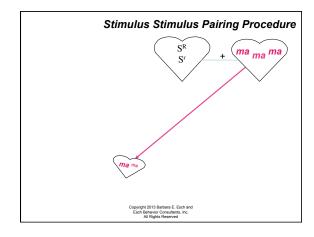
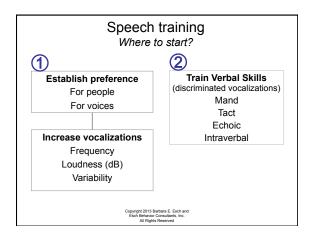
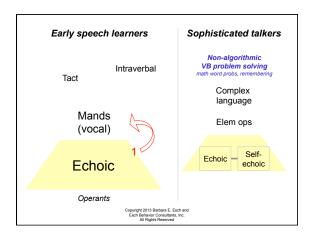
Speech Teaching Critical skills, sequences, and procedures to improve vocal responding Barbara E. Esch, Ph.D. besch1@mac.com National Autism Conference Pennsylvania State University July 31, 2013 MUSCLE MOVEMENT Reinforcing value of those Speech sounds speech sounds produced increases It sounds "right"

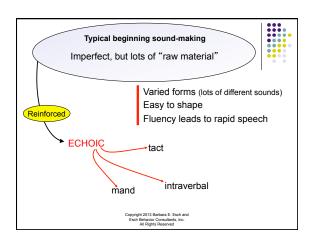
Observes sound





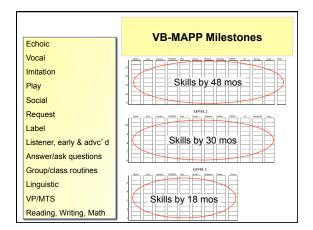


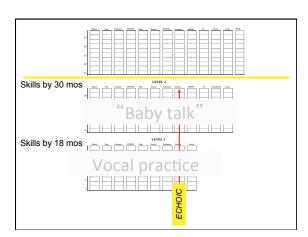




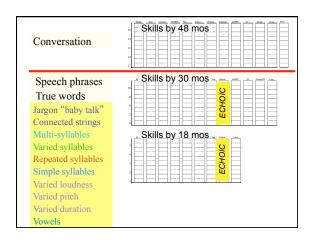


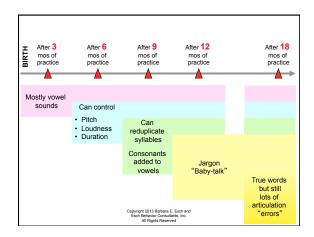
The Verbal Behavior Milestones Assessment and Placement Program (VB-MAPP) Mark L. Sundberg, Ph.D.

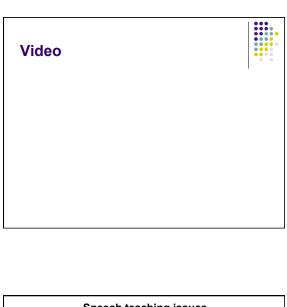


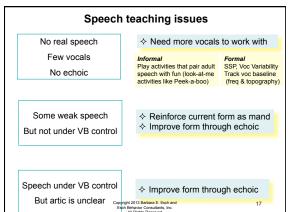


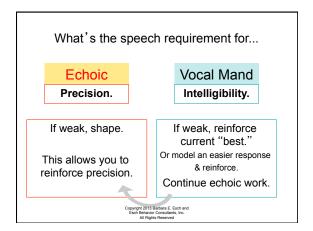
Video







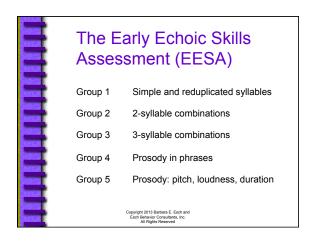


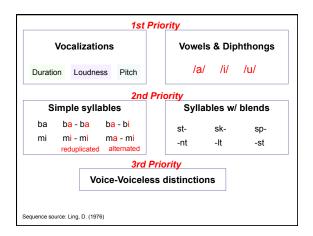


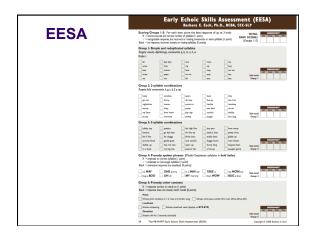


Practice
Handout
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•••
Starting a speech program
☐ Identify available sounds
Test ECH of available sounds
List potential reinforcers
☐ Identify speech targets
Program a high # of daily ECH trials and
Program a high # of daily MAND trials
Modify (upgrade) targets
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Starting a speech program
☐ Identify available sounds (several options for how to)

Vocalization Baseline Sample Form	
Campe i sim	
Handout	
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Speech Target Selection Worksheet Sample Form	
·	
Handout	
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	_
Starting a speech program	
Test ECH of available sounds	







	::::
Starting a speech program	
List potential reinforcers	• •
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·	
go	
up	
juice	
daddy	
bubbles	
0 17 101 11 11 1	
Speech Target Selection Worksheet Available sounds HI Pref Items Possible (refer to	e targets v-c chart)
c v c v chips	
p? ee ee juice	
† † music	
00 00	

Startino	g a speech pro	gram	•••
☐ Identify	y speech target syllabl	es	
	Copyright 2013 Barbara E. Esch and Esch Behavior Consultarist, Inc. All Rights Reserved.		
]		
Syllables			
Words			
Sentences			
	Syllables	Sounds	Words
	5,1105.00	220.700	

Starting a speech program Identify speech targets Match potential reinforcers with syllables under ECH control If syllables aren't yet under ECH control: • select • use procedures to increase overall voc frequencies (e.g., SSP) Copyright 2019 Barbara E. Each and Esch Barbara Consultation. Inc.

For possible targets, refer to:



- SAS Checklist
- Vowel-consonant charts

Then write bottom-to-top teaching formats

(If you need help, consult an SLP for specific targets)

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One possible hierarchy* for teaching "shoe"

Sh-oo

Soo

too

Start here OO

Source: Kaufman Speech Praxis Treatment Kit for Children

##	glish Phonemes	Phonetic symbol	Sounds like
Continuous,	Plosivos		
Continuous, stricted airflow v	FIUSIVES		
2			
stricted airflow f v e	Continuous		
\$\frac{\dagger}{3}\$ \frac{\shoe}{\dagger}\$ \$\frac{\shoe}{\dagger}\$ \$\frac{\shoe}{\dagger	restricted airflow		
S			
d.3. Coorrient 2013 Barbara E. Esch and		J 3	<u>sh</u> oe
Copyright 2013 Barbarra E. Esch and		t[d3	
Esch Behavior Consultants, Inc. All Rights Reserved		Cop	sch Rehavior Consultants Inc

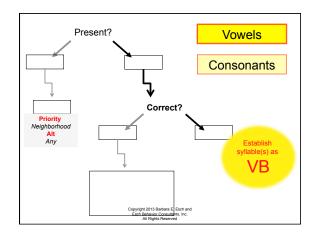
Starting a speech program	
Program a high number of daily ECH trials	l
and	
Program a high number of daily MAND trials	S
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Starting a speech program	• • • • • • • • • • • • • • • • • • • •	_		
☐ Modify (upgrade) targets	•••	_		
As new reinforcers are ID'd As speech skills are acquired		- -		
Copyright 2013 Barbara E. Esch and Esch Behaver Consultants, Inc. All Rights Reserved		-		
Speech Acquisition Sequence Checklist		_		
Handout		-		
		-		
Copyright 2013 Berbahra E. Esch and Esch Behavior Consultants, Inc. All Rights Reserved		_		
Speech Acquisition Sequence (SAS) Vocalizations		_		
Vowels		_		
Consonants 1-syll combos		_		
Consonants 2-syll combos		-		
Consonant blends 1-syll combos		-		

Q: Why teach vowels first? Consonants: correct Consonants: wrong	
Vowels: wrong Vowels: correct	
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	1
Vowel "Neighborhoods"	
Handout	
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Vowel-Consonant Card	
Handout	
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	_
Echoic Phrases List	
Handout	
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Video	
SPEECH 301	
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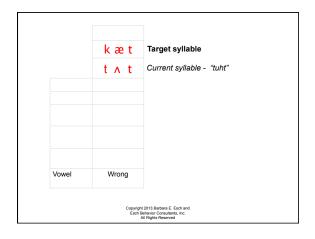


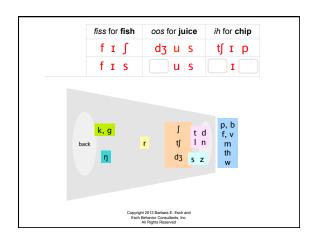
Decision Worksheet Handout Copyright 2013 Behave E. Each and Each Behavior Committents, ric. All Rights Reserved.

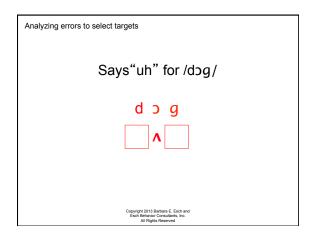
Shaping: reinforce the best "available" sounds puzzle

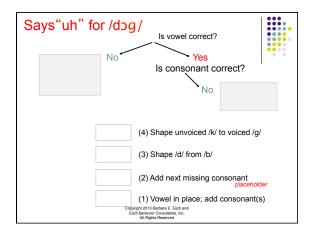
Child can't make target response

Reinforce "steps" (easier responses)









Speech instruction "errors"

- · Disconnecting phrase components
 - I. Want. Cookie.
 - If they can't repeat the <u>phrase syllable #</u>, you need easier mand approximations & work on echoic syllables

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- · Echoic model too-high or unnatural pitch
- Overemphasis on consonant precision (distorts the signal)

Dog-guh "k-dy" ('candy') mmmmmm-ah

• Unnatural separation of sounds

buh-loo (blue) chuh-air (chair)

• Repeating phonemes & reinforcing non-functional segments

C-c-c-candy buhhh-uh-uh-bles

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	1
ECH drill, without a plan for mand application	
Multiple speech teachers	
Setting specific ECH targets too early	-
- a range of targets might contact reinforcement more	
easily	
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•••]
BEYOND	
SPEECH 301	
SEEENU SHI	
2	
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water "wadder"	

		-	
	Ice cream		
	aıs krim		
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		1	
	ars krim		
	aıwan <mark>t</mark> aıs krimpliz		
,			
	Mommy and Daddy		
	mαmiεndædī		
	m a m i ɛ n k e d ɪ		
	Mommy and Katie		
	·		

