DEAP
Phonology Assessment

QUANTITATIVE SCORE SUMMARY

Percent Consonants Correct	
Percent Vowels Correct	
Percent Phonemes Correct	
Single words vs connected speech agreement	

QUALITATIVE ANALYSIS: ERROR PATTERNS

✓ for age-appropriate error patterns

D for delayed error patterns

U for unusual error patterns

Error pattern (5 examples)	Age span	Classification
Gliding	2;0-5;11	
Deaffrication	2;0-4;11	
Cluster Reduction	2;0-4;11	
Fronting of velars	2;0-3;11	
Weak Syllable Deletion (2 examples)	2;0-3;11	
Stopping of fricatives	2;0-3;5	
Voicing	2;0-2;11	
Final consonant deletion	-2;0	
Backing		Unusual
Affrication		Unusual
Initial consonant deletion		Unusual
Medial consonant deletion		Unusual
Intrusive consonant		Unusual
Denasalisation		Unusual
Sound preference substitution		Unusual
Other:		

	Target	IPA	Transcription
P1	elephant	ɛləfənt	
P2	umbrella	ʌmbɹɛlə	
P3	train	tɹeɪn	
P4	swing	swɪŋ	
P5	bread	bɹɛd	
P6	duck	dʌk	
P7	giraffe	dʒəɹɑf	
P8	five	faɪv	
P9	teeth	tiθ	
P10	watch	wɒtʃ	
P11	orange	ɒɹɪndʒ	
P12	school	skul	
P13	crab	kɹab	
P14	biscuits	bɪskɪts	
P15	thank you	θaŋkju	
P16	helicopter	hɛlikɒptə	
P17	egg	ɛg	
P18	splash	splaʃ	
P19	square	skwɛə	
P20	pig	pɪg	
P21	gloves	glʌvz	
P22	queen	kwin	
P23	three	θɹi	

QUANTITATIVE ANALYSIS

Calculate Percent Consonants Correct and Percent Phonemes Correct using the following tables, based on the marking in the IPA column.

Percent Consonants Correct (PCC)		Percent Vowels Correct (PVC)	
Target Consonants (C.)	141	Target vowels (V.)	78
C. not elicited (a)		V. not elicited (a)	
Total C. elicited 141 - (a) = (b)		Total V. elicited 78 - (a) = (b)	
C. in error (c)		V. in error (c)	
Total C. correct (b) - (c) = (d)		Total V. correct (b) - (c) = (d)	
PCC (d) ÷ (b) x 100		PVC (d) ÷ (b) x 100	

Percent Phonemes Correct		
Total phonemes elicited	Total consonants elicited + Total vowels elicited = (y)	=
Total phonemes correct	Total consonants correct + Total vowels correct = (z)	=
Percent Phonemes Correct	(z) ÷ (y) x 100	=

CONNECTED SPEECH PICTURE DESCRIPTION

Transcribe the items elicited in the child's connected spontaneous speech. Compare the child's realisation in the single word versus connected speech tasks

Picture 1

Target Word		Realisation	Same	Different
Picture 1	frog			
	yellow			
	strawberry			
	spider			
	web			
Picture 2	sheep			
	snake			
	pram			
	feather			
	tomato			
Picture 3	monkey			
	toothbrush			
	spider			
	apple			
Total				

Number of items produced "the same" = _____ (a)

Number of items elicited ("the same" + "different") = _____ (b)

SvsC agreement (b ÷ a) x 100 = _____

Target	IPA	Transcription
P24 frog	fɹɒg	
P25 yellow	jɛlou	
P26 strawberry	stɹɔbɹi	
P27 spider	spaɪdə	
P28 web	wɛb	
P29 sheep	ʃip	
P30 snake	sneɪk	
P31 pram	pɹam	
P32 feather	fɛðə	
P33 tomato	təmatou	
P34 monkey	mʌŋki	
P35 toothbrush	tuθbɹʌʃ	
P36 apple	apəl	
P37 knife	naɪf	
P38 van	van	
P39 ear	ɪə	
P40 this	ðɪs	
P41 scissors	sɪzəz	
P42 fishing	fɪʃɪŋ	
P43 lighthouse	laɪthaʊs	
P44 zebra	zɛbɹə	
P45 kitchen	kɪtʃən	
P46 sausage	sɒsɪdʒ	
P47 tiger	taɪgə	
P48 rabbit	ɹabɪt	
P49 book	bʊk	
P50 boy	bɔɪ	
		Total

Glide	Deaff.	CR	Front.	WSD	Stop.	Voice.	Assim.	I	CD M	F	Back	Other
								I	M	F		

Name ....

Home Address ....

....

....

Gender ....

Primary language ....

Languages at home ....

School ....

....

Examiner ....

	Year	Month	Day
Date of test			
Date of birth			
Chronological age			

Other information ....

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PEARSON