

PROPH Sound Accuracy

Filename: AG  
 02-15-2004  
 Word List: C:\CF\CP10\HAPP-3.WDL Hodson Assessment of Phonological  
 Patterns-T

MASTERY EXPECTED

Phonemes/clusters showing 90% level of acquisition by American males at 42 months of age\* in initial and final position, (initial only), or [final only]:

Stops: [p] b (t) (d) [k] [g]  
 Vibrants:  
 Nasals: m n  
 Fricatives: (f) (h)  
 Affricates:  
 Glides: (w) (j)  
 Liquids:  
 Clusters: (tw)

MASTERY (FULL OR PARTIAL) SHOWN

Phonemes/clusters produced at ≥90% accuracy in initial and final position, (initial only), or [final only]:

Stops: [p] (b)  
 Vibrants:  
 Nasals: (m) (n)  
 Fricatives: (f) s (ʃ) (h)  
 Affricates:  
 Glides: (w)  
 Liquids:  
 Clusters:

MASTERY NOT SHOWN

Phonemes/clusters NOT produced at ≥90% level of accuracy in positions where they would be expected (all except /n/ in initial position, all except /w, j, h/ and clusters in final position [²=not sampled]):

Stops: t d k g  
 Vibrants:  
 Nasals: n  
 Fricatives: v θ ð² z  
 Affricates: tf dʒ  
 Glides: j  
 Liquids: l r  
 Clusters: pr² br² tr dr² kr gr fr² θr pl bl kl  
 gl fl sp st sk sm sn sw sl tw² kw  
 spl² spr² str skr skw

\*Smit, A.B., Hand, L., Freilinger, J., Bernthal, J. & Bird A. (1991).  
 The Iowa articulation norms project and its Nebraska replication.  
 Journal of Speech and Hearing Disorders, 55, 779-799.

Phoneme/Cluster Accuracy by Position

\* in lefthand column indicates phoneme mastery based on a minimum of 2 occurrences and 90% accuracy in 2 out of 3 sound positions.  
 √ following percentage indicates phoneme mastery for that position based on a minimum of 2 occurrences and 90% accuracy.  
 ° following percentage indicates that American males of 42 months\*

demonstrated 90% level of acquisition for this phoneme in that position.  
 • following percentage indicates that the speaker achieved this level.  
 ° in righthand column indicates that American males of 42 months\* demonstrated 90% level level of acquisition for this phoneme or cluster in both initial and final positions.  
 • in righthand column indicates that the speaker achieved this level.

	I	I	I	M	M	M	F	F	F	All	I/F
phon	corr	opp	pct	corr	opp	pct	corr	opp	pct	pct	pct
p	0	1	0%°	0	0	-	2	2	100%√•	67%	67%°
b	2	2	100%√•	0	1	0%	0	0	-	67%	100%
t	0	2	0%°	0	0	-	1	2	50%	25%	25%
d	0	0	-	0	0	-	0	1	0%°	0%	0%
k	0	2	0%	0	0	-	4	6	67%°	50%	50%
g	0	1	0%	0	0	-	0	0	-	0%	0%
ʃ	0	0	-	0	0	-	0	0	-	-	-
h	0	0	-	0	0	-	0	0	-	-	-
R	0	0	-	0	0	-	0	0	-	-	-
m	2	2	100%√•	1	1	100%	0	2	0%°	60%	50%°
n	1	1	100%•	0	0	-	0	5	0%°	17%	17%°
ñ	0	0	-	0	0	-	0	0	-	-	-
ˆ	0	0	-	0	1	0%	0	3	0%	0%	0%
φ	0	0	-	0	0	-	0	0	-	-	-
β	0	0	-	0	0	-	0	0	-	-	-
f	3	3	100%√•	0	0	-	0	1	0%	75%	75%
v	0	1	0%	1	2	50%	0	1	0%	25%	0%
θ	0	1	0%	0	0	-	0	1	0%	0%	0%
ð	0	0	-	0	1	0%	0	0	-	0%	-
s	1	1	100%•	0	1	0%	2	2	100%√•	75%	100%•
z	0	1	0%	0	1	0%	0	2	0%	0%	0%
ʃ	1	1	100%•	0	0	-	1	2	50%	67%	67%
Z	0	0	-	0	1	0%	0	0	-	0%	-
x	0	0	-	0	0	-	0	0	-	-	-
τ	0	0	-	0	0	-	0	0	-	-	-
h	2	2	100%√•	1	1	100%	-	-	-	100%	100%
tf	0	1	0%	0	0	-	0	1	0%	0%	0%
dʒ	0	1	0%	0	0	-	0	1	0%	0%	0%
w	1	1	100%•	1	1	100%	-	-	-	100%	100%
j	1	2	50%°	1	1	100%	-	-	-	67%	50%
l	0	1	0%	0	2	0%	0	1	0%	0%	0%
r	0	1	0%	0	0	-	0	7	0%	0%	0%
pr	0	0	-	0	0	-	-	-	-	-	-
br	0	0	-	0	0	-	-	-	-	-	-
tr	0	1	0%	0	0	-	-	-	-	0%	0%
dr	0	0	-	0	1	0%	-	-	-	0%	-
kr	0	1	0%	0	0	-	-	-	-	0%	0%
gr	0	1	0%	0	0	-	-	-	-	0%	0%
fr	0	0	-	0	0	-	-	-	-	-	-
θr	0	1	0%	0	0	-	-	-	-	0%	0%
pl	0	1	0%	0	0	-	-	-	-	0%	0%
bl	0	1	0%	0	0	-	-	-	-	0%	0%
kl	0	1	0%	0	0	-	-	-	-	0%	0%
gl	0	2	0%	0	0	-	-	-	-	0%	0%
fl	0	1	0%	0	0	-	-	-	-	0%	0%
sp	0	1	0%	0	0	-	0	0	-	0%	0%
st	0	1	0%	0	0	-	0	0	-	0%	0%
sk	0	0	-	0	1	0%	0	1	0%	0%	0%
sm	0	1	0%	0	0	-	-	-	-	0%	0%
sn	0	1	0%	0	0	-	-	-	-	0%	0%
sw	0	1	0%	0	0	-	-	-	-	0%	0%
sl	0	1	0%	0	0	-	-	-	-	0%	0%

C:\DOCUME~1\LONGS~1\HEAMYDOCU~1\PHONOL~1\AG.PCT

tw	0	0	-	0	0	-	-	-	-
dw	0	0	-	0	0	-	-	-	-
kw	0	1	0%	0	0	-	0%	0%	-
gw	0	0	-	0	0	-	-	-	-
pj	0	0	-	0	0	-	-	-	-
kj	0	0	-	0	0	-	-	-	-
mj	0	1	0%	0	0	-	0%	0%	-
fj	0	0	-	0	0	-	-	-	-
vj	0	0	-	0	0	-	-	-	-
spl	0	0	-	0	0	-	-	-	-
spr	0	0	-	0	0	-	-	-	-
str	0	1	0%	0	0	-	0%	0%	-
skr	0	1	0%	0	0	-	0%	0%	-
skw	0	1	0%	0	0	-	0%	0%	-
pt				0	0	-	0	0	-
pθ				0	0	-	0	0	-
ps				0	0	-	0	0	-
tθ				0	0	-	0	0	-
ts				0	0	-	0	1	0%
kt				0	0	-	0	0	-
ks				0	0	-	0	1	0%
dz				0	0	-	0	1	0%
dzd				0	0	-	0	0	-
zd				0	0	-	0	0	-
Zd				0	0	-	0	0	-
ft				0	0	-	0	0	-
fθ				0	0	-	0	0	-
fs				0	0	-	0	0	-
θt				0	0	-	0	0	-
θs				0	0	-	0	0	-
tft				0	0	-	0	0	-
ft				0	0	-	0	0	-
bd				0	0	-	0	0	-
bz				0	0	-	0	1	0%
gd				0	0	-	0	0	-
gz				0	0	-	0	0	-
vd				0	0	-	0	0	-
vz				0	0	-	0	0	-
δd				0	0	-	0	0	-
δz				0	0	-	0	0	-
mp				0	1	0%	0	0	-
md				0	0	-	0	0	-
mf				0	0	-	0	0	-
mθ				0	0	-	0	0	-
mz				0	0	-	0	0	-
nt				0	0	-	0	0	-
nd				0	1	0%	0	0	-
ntf				0	0	-	0	0	-
ndj				0	0	-	0	0	-
nθ				0	0	-	0	0	-
ns				0	0	-	0	0	-
nz				0	0	-	0	1	0%
nk				0	0	-	0	0	-
ng				0	0	-	0	0	-
nd				0	0	-	0	0	-
nz				0	0	-	0	0	-
lp				0	0	-	0	0	-
lt				0	0	-	0	0	-
lk				0	0	-	0	0	-
ltf				0	0	-	0	0	-
lb				0	0	-	0	0	-
ld				0	0	-	0	0	-

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ldz	0	0	-	0	0	-	-	-
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