

Case Study - Zack, Age 4-11

Zack demonstrated numerous phoneme errors on the Goldman-Fristoe Test of Articulation-3 (GFTA-3). Errors listed below include those observed in other contexts.

Phoneme	Initial	Medial	Final
m	✓ ✓ ✓	✓ ✓	✓ ✓
b	✓ - - -	✓	✓ ✓
p	✓ -	✓	-
w	(✓)	✓	
f	p b ✓	t	p -
v	b b	b	✓
θ	f		- p
ð	d	d	
n	✓ ✓ ✓	✓	✓
t	d -	d d	- -
d	✓	✓	✓
s	d - t	d t	- -
z	d	d	d d d
l	✓ ✓ ✓	✓ w ✓	ʊ
j	l ✓ ✓	✓	
ʃ	d d	t	-
ʒ (not tested on GFTA-3)		d	
tʃ	d t	t	-
dʒ	t	- d	
r	w w	w w w w w	- u a ʊ o o a
k	t -	t t	-
g	d -	d -	d

Phoneme	Initial	Medial	Final
ŋ		n	n ✓
h	✓	✓	
st	-d		
sl	-l		
sw	-w		
gl	-l		
nt	-t		
br	bw m w		
bl	-w		
fr	b-		
gr	-w		
pr	-w		
kr	-w		
tr	-w		
weak syllable deletion	wæp/ giraffe		

Language errors:

pronouns
verb tenses
verb and noun plurals

Phonological Processes:

gliding
fronting
stopping
deaffrication
weak syllable deletion
cluster reduction
initial consonant deletion
final consonant deletion