GFTA™-3
Goldman-Fristoe Test of Articulation-3
Score Report
Ronald Goldman, & Macalyne Fristoe

Name:	Nancy Goldman
Gender:	Female
Birth Date:	02/13/2007
Test Date:	09/15/2015
Age:	8 years 7 months
Grade:	Second Grade
School/Agency:	Valley
Examiner:	Shannon Wang
Primary Language:	English
Dialect:	Southern English

Reason for testing:
Child's parents are concerned about her speech intelligibility.

GFTA-3 SCORE SUMMARY

Sounds-in-Words Score Summary

Total Raw Score [1]	Standard Score [2]	95% Conf. Interval	Percentile Rank	Age Equivalent	Growth Scale Value
28	40	40-59	<0.1	3:2-3:3	545

[1] Raw score equals the total number of articulation errors.

[2] Normative information is based on gender.

Sounds-in-Sentences Score Summary

Total Raw Score [1]	Standard Score [2]	95% Conf. Interval	Percentile Rank	Age Equivalent	Growth Scale Value
11	76	72-81	5	6:11 or younger	557

[1] Raw score equals the total number of articulation errors.

[2] Normative information is based on gender.

Intelligibility Rating

Total of Good Ratings (1)	Total of All Ratings (1, 2, 3, 4)	Overall Intelligibility Rating	Intelligibility Percentage
7	10	70%	11 <90% 89 ≥90%

NARRATIVE REPORT

The Goldman-Fristoe Test of Articulation-Third Edition (GFTA-3) is a systematic means of assessing an individual's articulation of the consonant and consonant cluster sounds of Standard American English. It provides information about an individual's speech sound ability by sampling both spontaneous and imitative sound production in single words and connected speech. GFTA-3 provides age-based normative scores separately for females and males for the Sounds-in-Words and Sounds-in-Sentences tests. Intelligibility is reported as a percentage score, and Stimulability information is reported in table format.

Sounds-in-Words

The Sounds-in-Words test is used to evaluate an individual's articulation skill when labeling single words. The examiner presents a picture stimuli for the individual to label. The examiner scores each consonant and consonant cluster sound in the word as a correct or incorrect production. This test has a mean of 100 and a standard deviation of 15.

Nancy Goldman received a standard score of 40 (confidence interval = 40 to 59, percentile rank = <0.1) on the Sounds-in-Words test. When compared to peers of the same age and gender, Nancy uses more sound change errors which results in a score that is in the very low/severe range.

Sounds-in-Sentences

The Sounds-in-Sentences test is used to evaluate an individual's articulation skill when producing words in connected speech. The individual listens as the examiner tells a short story that is accompanied by visual stimuli. After the initial retelling of the story, the examiner presents each sentence again, and the individual repeats the sentence. The examiner scores each consonant and consonant cluster sound in the targeted words from each sentence as a correct or incorrect production. This test has a mean of 100 and a standard deviation of 15.

Nancy received a standard score of 76 (confidence interval = 72 to 81, percentile rank = 5) on the Sounds-in-Sentences test. When compared to peers of the same age and gender, Nancy uses more sound change errors which results in a score that is in the low/moderate range.

Intelligibility

The Intelligibility rating is used to evaluate an individual's intelligibility in connected speech. During administration of the Sounds-in-Sentences test, the examiner listens to each sentence the individual repeats and rates the individual's intelligibility for that sentence as 1 (good), 2 (fair), 3 (poor), or 4 (no response). This measure reports the percentage of individuals, by age, who received an overall rating of 90% "good" ratings.

Nancy's connected speech was rated as "good" in 70% of her productions.

Stimulability

The Stimulability measure is designed to assess the sounds that were misarticulated during administration of the Sounds-in-Words test and/or Sounds-in-Sentences test. For the misarticulated sounds, the examiner produces them in a syllable, word, and sentence context, and the individual imitates the examiner's productions.

Nancy's Stimulability results are indicated in the following table.

		Correctly Imitated	Incorrectly Imitated
Initial	Syllable	r\ə-\ɝ- br fr gr kr pr sp tr	
	Word	sp	r\ə-\ɝ- br fr gr kr pr tr
	Sentence	sp	
Medial	Syllable	t k g ŋ v ʤ r\ə-\ɝ- br	
	Word	t k ŋ v ʤ j	r\ə-\ɝ- br
	Sentence	t k g ŋ v ʤ j	
Final	Syllable	n l r\ə-\ɝ- nt	
	Word	n l nt	r\ə-\ɝ-
	Sentence	n l nt	

ERROR ANALYSIS

Sounds-in-Words Phonetic Error Analysis

Single Consonants

	Initial	Medial	Final
p			
b			
t		39	
d			
k		11	
g		30	
m			
n			24
ŋ		11 30	
f			
v			
θ			
ð			
s			
z			
ʃ			
ʧ			
ʤ		39	
l			10 39
r\ə-\ɜ-	55	38	12 15 23 30 43 58
w			
j		34	
h			

Sounds-in-Words Phonetic Error Analysis (continued)

Consonant Clusters

	Initial	Medial	Final
bl			
br	40 43	37	
dr			
fr	44		
gl			
gr	45		
kr	53		
kw			
nt			33
pl			
pr	52		
sl			
sp	15		
st			
sw			
tr	54		

R Error Analysis

Sounds-in-Words R Error Analysis

ə-\ɜ-	12 15 30 43
r	38 55
ɛr	
ar	23 58
ɔr	
br	37 40 43
dr	
fr	44
gr	45
kr	53
pr	52
tr	54

Vowel Error Analysis

Sounds-in-Words Vowel Error Analysis

Vowel errors are not calculated in the standard score, however this table is provided for documentation of any vowel errors. Write the item number in the space provided with the corresponding vowel sound.

i	Close, Front, Unrounded	
ɪ	Close Close Mid, Front, Unrounded	
e	Close Mid, Front, Unrounded	
ɛ	Open Mid, Front , Unrounded	
æ	Open Open Mid, Front, Unrounded	
ʌ	Open Mid, Back, Unrounded	
ə(ɚ)	Mid Mid, Central, Unrounded	
ɑ	Open, Back, Unrounded	
ɔ	Open Mid, Back, Rounded	
o	Close Mid, Back , Rounded	
ʊ	Close Close Mid , Central, Rounded	
u	Close, Back, Rounded	
aɪ	Diphthong	
aʊ	Diphthong	
ɔɪ	Diphthong	

Sounds-in-Sentences Story 2 Phonetic Error Analysis

Single Consonants

	Initial	Medial	Final
p			
b			
t			
d			
k			
m			
n			
ŋ			
f			
v		29	
θ			
s			
z			
ʃ			
ʒ			
ʧ			
ʤ		20	
l			
r\ə-\ɜ-		2 5	11 19

Sounds-in-Sentences Story 2 Phonetic Error Analysis (continued)

Consonant Clusters

	Initial	Medial	Final
bl			
br	3		
ɜ˞t			8
gr	1 4 23		
kl			
kw			
ntʃ			
ndʒ			
pl			
sk			
sl			
sn			
sp			
spl			
st			
ðz			

End of Report