

# The Conditioned Assessment of Speech Production (CASP)

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Child's Name \_\_\_\_\_ DOB \_\_\_\_\_ CA \_\_\_\_\_ Date \_\_\_\_\_

Parent \_\_\_\_\_ Clinician \_\_\_\_\_ Sensory aid type \_\_\_\_\_ Months of sensory aid use \_\_\_\_\_

**Directions for parents:** I am going to say some sounds for you to imitate. Then you will say the same sounds for your child to imitate. Try to say the sounds in the same way and at the same loudness level that I use. We will give (child's name) toys and praise for playing this game with us.

## Warm-up Sounds:

/u/ : Child imitates readily \_\_\_\_\_ Imitates after pause \_\_\_\_\_ No Response \_\_\_\_\_

/o/ : Child imitates readily \_\_\_\_\_ Imitates after pause \_\_\_\_\_ No Response \_\_\_\_\_

## Level 1: Pre-canonical Vocalizations

Stimuli for Models Transcribed Responses	0 Points	1 Point	2 Points	Score
1. Prolonged central vowel in isolation: /ʌ/ 1. _____ 2. _____	1. No response 2. Two or more vowels that do not match target 3. Response is not a vowel (e.g., squeal, raspberry, click, /m:/, /s:/) 4. CV syllable(s) without target vowel (e.g., /bu/)	1. Two or more vowels that match target 2. Single vowel that is not /a/ or /ʌ/ 3. CV syllable containing target vowel (e.g., /bʌ/)	1. One central vowel (i.e., /a/ or /ʌ/)	
2. Two high-front vowels: (/i/ /i/) 1. _____ 2. _____	1. No response 2. Response is not a vowel 3. Syllables with vowels that do not match target (e.g., /bu/)	1. Single vowel that matches target 2. Two vowels that are not /i/ or /I/ 3. Two vowels, only one of which matches the target (e.g., /i/ /ʌ/ ) 4. CV syllables containing target vowel (e.g., [bibi])	1. Two high front vowels in any combination (e.g., /i/ or /I/ )	
3. Three low-front vowels: /æ/ /æ/ /æ/ 1. _____ 2. _____	1. No response 2. Response is not a vowel 3. Syllables with vowels that do not match target (e.g., /bu/)	1. Single /æ/ or /ɛ/ 2. Two matching vowels (e.g., /æ/ /æ/ or /ɛ/ /ɛ/) 3. Three vowels, only one /æ/ or /ɛ/ 4. Two or three non-matching vowels (i.e., none are /æ/ or /ɛ/) 5. CV syllables containing target vowel (e.g., [bæbæbæ])	1. Three low or mid front vowels (i.e., /æ/ or /ɛ/ )	

**Level 2: Basic Canonical Syllables**

Stimuli for Models Transcribed Responses	0 Points	1 Point	2 Points	Score
4. CV syllable with bilabial stop consonant: [ba] 1. _____ 2. _____	1. No response 2. Vowel without consonant	1. CV syllable in which only the C or the V match the model (e.g., [bi] or [ka]) 2. Two or more matching CVs (e.g., [bababa] or [papʌ]) 3. CVC syllable with matching C or V	1. A single CV with a bilabial stop consonant and /a/ or /ʌ/ (i.e., [ba], [pa], [bʌ], or [pʌ])	
5. CV syllable with bilabial nasal: [ma] 1. _____ 2. _____	1. No response 2. Vowel in isolation 3. Consonant in isolation	1. CV syllable in which only the C or the V match the model 2. Two or more matching CVs (e.g., [mamama] or [mʌ mʌ] ) 3. CVC syllable with matching C or V	1. A single CV with a bilabial nasal consonant and /a/ or /ʌ/ (i.e., [ma] or [mʌ])	
6. CV syllable with bilabial glide: [wa] 1. _____ 2. _____	1. No response 2. Vowel in isolation	1. CV syllable in which only the C or the V match the model 2. Two or more matching CVs (i.e., [wawawa] or [wʌwʌ]) 3. CVC syllable with matching C or V	1. A single CV with a /w/ and /a/ or /ʌ/ (i.e., [wa] or [wʌ])	
7. CV syllable with velar stop: [ka] 1. _____ 2. _____	1. No response 2. Vowel in isolation 3. Consonant in isolation	1. CV syllable in which only the C or the V match the model 2. Two or more matching CVs (i.e., [gagaga] or [kʌkʌ]) 3. CVC syllable with matching C or V	1. A single CV with /k/ or /g/ and /a/ or /ʌ/ (i.e., [ka], [ga] or [kʌ], [gʌ])	
8. CV syllable with lingua-alveolar fricative: [sa] 1. _____ 2. _____	1. No response 2. Vowel in isolation 3. Consonant in isolation	1. CV syllable in which only the C or the V match the model 2. Two or more matching CVs (i.e., [sasasa] or [zaza]) 3. CVC syllable with matching C or V	1. A single CV with /s/ or /z/ and /a/ or /ʌ/ (i.e., [sa], [za], [sʌ], or [zʌ] )	

**Level 3: Advanced Forms**

Stimuli for Models Transcribed Responses	0 Points	1 Point	2 Points	Score
9. C+ diphthong syllable: [naɪ] 1. _____ 2. _____	1. No response 2. Isolated vowel 3. Isolated C (e.g., /m/) 4. CV without a diphthong 5. Non-matching diphthong (e.g., /aʊ/)	1. Matching diphthong in isolation 2. /n/ + non-matching diphthong (e.g., [noɪ]) 3. Non-matching C with matching diphthong (e.g., [maɪ]) 4. /n/ plus vowel (e.g., [na]) 5. CVC syllable with /n/ and /aɪ/ (e.g., [naɪk])	1. /n/ plus matching diphthong (i.e., [naɪ])	
10. CVC: [tʌk] 1. _____ 2. _____	1. No response 2. Vowel in isolation 3. Isolated consonant (e.g., /s/) 4. VC or CV syllable	1. CVC syllable with non-matching Cs and V (e.g., [pip]) 2. CVC syllable with one or two segmental errors (e.g., [tap])	1. CVC syllable with initial /t/ or /d/ and final /k/ or /g/ combined with /a/ or /ʌ/ (e.g., [tʌk], [dʌg], [tak], [dag])	<b>Total Score:</b>

