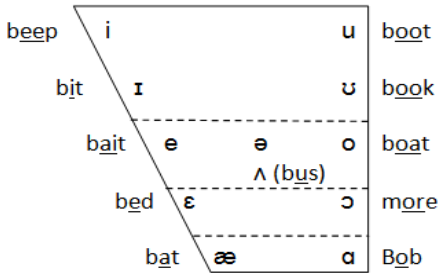
The Speech & Stuttering Institute

Motor Speech Treatment Protocol

# Motor Speech Checklist

| Child: | Clinician: | Date: |
|---|---|---|
| | | |

| Domain | Observations and Analysis *Use draw tools to annotate* | Criteria for MS Referral | |
|---|---|---|---|
| **Vowel Repertoire** |  | Diphthongs: e.g.<br>ai (hide)<br>au (down)<br>oi (boy)<br>wɑ (want)<br>jɛ (yes) | Are there 3 or more vowel omissions or distortions at the single word level and/or in longer utterances? | ☐ |
| **Motor Speech Control** | Difficulty observed with:<br>☐ Range of jaw movement<br>☐ Midline jaw movement<br>☐ Solid lip contact<br>☐ Lip contact independent of jaw movement<br>☐ Lip rounding independent of jaw movement<br>☐ Lip retraction<br>☐ Producing voiced-voiceless contrasts | | Are there 3 or more issues identified with motor speech control? | ☐ |
| **Consonant Repertoire** | p b t d k g<br>m n ŋ<br>f v θ ð s z ʃ ʒ h<br>ɹ<br>l | | Is the consonant repertoire limited for age, and/or are consonant distortions present? | ☐ |
| **Phonological Processes** | ☐ Reduplication<br>☐ Initial Consonant Deletion<br>☐ Final Consonant Deletion<br>☐ Backing<br>☐ Syllable Deletion<br>☐ Other atypical processes | | Are there persistent early developing processes and/or atypical processes at the word/phrase level? | ☐ |
| **Syllable and Word Shapes** | ☐ CV ☐ $C_1VC_1$ ) ☐ $CV_1CV_2$<br>☐ VC ☐ $C^1VC_2$<br>☐ $CV_1CV_1$ | | Are syllable/word shapes limited for age? | ☐ |
| **Consistency of Production** | Over multiple repetitions of newer/more difficult words, productions are:<br>◉ consistent ○ inconsistent | | Are different sound combinations produced for the same word? | ☐ |
| **Groping** | Child appears to search/"grope" for articulatory position(s) or hesitates when attempting words ☐ | | Are groping behaviours observed? | ☐ |
| **Impact of Length & Complexity** | As length/complexity of utterance increases, is there:<br>☐ An increase in the variability of errors<br>☐ Decreased Intelligibility | | Is there an increase in errors and/or decrease in intelligibility as utterances get longer? | ☐ |
| **Speech Quality** | Note whether there are concerns with:<br>☐ pitch ☐ rate ☐ loudness ☐ hoarseness ☐ nasality | | Is the quality or rate of speech atypical? | ☐ |
| **Prosody** | Note whether intonation in words/longer utterances is:<br>☐ flat ☐ choppy ☐ atypical stress patterns | | Is the prosody atypical? | ☐ |

**Motor Speech Involvement (4 or more indicators)** ◉ Yes ○ No

A child is considered to have Motor Speech involvement if at least 4 of the 10 behaviours are YES.

©2023 The Speech & Stuttering Institute. This resource is designed to support implementation of the Motor Speech Treatment Protocol (MSTP). It is intended for use by clinicians who have completed SSI's training in the MSTP. To learn how to access this training, please email training@speechandstuttering.com