PHONOTACTIC REPERTOIRE: Word and Syllable Shapes

Name: ___________________________  Age: ___________
Date: ___________________________  Examiner: ___________
Source of sample: ___________________________  Size of sample: ___________________________

Note:  C = consonant  V = vowel  # = word boundary
predominant: 60-100%  frequent: 40-60%  occasional: 15-40%

SYLLABLE TYPES

<table>
<thead>
<tr>
<th>% or √</th>
<th>Frequency Estimate</th>
<th>C = consonant</th>
<th>V = vowel</th>
<th># = word boundary</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCOMPLETE:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C alone</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
<td>rare</td>
</tr>
<tr>
<td>V, V?, ?V</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
<td>rare</td>
</tr>
<tr>
<td>OPEN:</td>
<td>C</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
</tr>
<tr>
<td>CLOSED:</td>
<td>VC</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
</tr>
<tr>
<td>VC, ?VC</td>
<td>C</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
</tr>
<tr>
<td>CVC*</td>
<td>C</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
</tr>
<tr>
<td>*Includes CCVC, CVCC, etc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CLUSTERS

<table>
<thead>
<tr>
<th>% or √</th>
<th>Frequency Estimate</th>
<th>CC-</th>
<th>CCC-</th>
</tr>
</thead>
<tbody>
<tr>
<td>INITIAL:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>#CC-</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
</tr>
<tr>
<td>#CCC-</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
</tr>
<tr>
<td>FINAL:</td>
<td>C</td>
<td>predominant</td>
<td>frequent</td>
</tr>
<tr>
<td>-CC#</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
</tr>
<tr>
<td>-CCC#</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
</tr>
<tr>
<td>MEDIAL:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-CC-</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
</tr>
<tr>
<td>-CCC-</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
</tr>
</tbody>
</table>

WORD SHAPES

<table>
<thead>
<tr>
<th>% or √</th>
<th>Frequency Estimate</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4+</th>
</tr>
</thead>
<tbody>
<tr>
<td># OF SYLLABLES:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
<td>rare</td>
<td>absent</td>
</tr>
<tr>
<td>2</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
<td>rare</td>
<td>absent</td>
</tr>
<tr>
<td>3</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
<td>rare</td>
<td>absent</td>
</tr>
<tr>
<td>4+</td>
<td>predominant</td>
<td>frequent</td>
<td>occasional</td>
<td>rare</td>
<td>absent</td>
</tr>
</tbody>
</table>

MAXIMUM # OF SYLLABLES PRODUCED IN ANY WORD: ______

From Velleman (1998)

1Out of all syllables

2Out of all words
PHONOTACTIC REPertoire
Reduplication and Harmony

Name: __________________________ Age: __________________________
Date: __________________________ Examiner: __________________________
Source of sample: ________________ Size of sample: __________________________

Note:  
C = consonant  
V = vowel  
Reduplication = Same syllable repeated in word (baba, deedee, gogo, etc.)
Harmony = Same C repeated (goggi, tootie, etc.) or
        same V repeated (dabba, boogoo, etc.)

predominant: 60-100%
        frequent: 40-60%
        occasional: 15-40%

Words of Two Syllables or More:

% or √ Frequency Estimate³: Circle appropriate word.

Reduplicated
Vowels ______ predominant frequent occasional rare absent

Harmonized
Consonants______ predominant frequent occasional rare absent

Monosyllabic CVC Words:

% or √ Frequency Estimate⁴: Circle appropriate word.

Harmonized
Consonants______ predominant frequent occasional rare absent

From Velleman (1998)

³Out of all multisyllabic words.

⁴Out of all monosyllabic words.
<table>
<thead>
<tr>
<th>Age</th>
<th>Phonotactic Patterns (check if present)</th>
<th>Phonetic Repertoire (circle if occurs 3X)</th>
</tr>
</thead>
</table>
| 1;6 - 2;0 | ___initial C  
____2-syllable words with:  
____reduplication  
____C harmony  
____V harmony  
____syllable reduction from iambics  
____CC reduction  
____final C deletion | m  
____2-syllable words with:  
____reduplication  
____C harmony  
____V harmony  
____syllable reduction from iambics  
____CC reduction  
____final C deletion | p b  
____reduplication  
____C harmony  
____V harmony  
____syllable reduction from iambics  
____CC reduction  
____final C deletion | w  
____reduplication  
____C harmony  
____V harmony  
____syllable reduction from iambics  
____CC reduction  
____final C deletion | h  
____reduplication  
____C harmony  
____V harmony  
____syllable reduction from iambics  
____CC reduction  
____final C deletion |
| 2;0 - 2;6 | ___initial C  
____2-syllable words with no  
____harmony or reduplication  
____syllable reduction from iambic words  
____CC reduction  
____final C deletion or final C harmony | m  
____2-syllable words with no  
____harmony or reduplication  
____syllable reduction from iambic words  
____CC reduction  
____final C deletion or final C harmony | p b t d k g  
____harmony or reduplication  
____syllable reduction from iambic words  
____CC reduction  
____final C deletion or final C harmony | w  
____harmony or reduplication  
____syllable reduction from iambic words  
____CC reduction  
____final C deletion or final C harmony | h  
____harmony or reduplication  
____syllable reduction from iambic words  
____CC reduction  
____final C deletion or final C harmony |
| 2;6 - 3;0 | ___initial C  
____2-syllable words with no harmony  
____or reduplication  
____syllable reduction from iambic words  
____CC reduction  
____final C without C harmony | m  
____2-syllable words with no harmony  
____or reduplication  
____syllable reduction from iambic words  
____CC reduction  
____final C without C harmony | p b t d k g  
____or reduplication  
____syllable reduction from iambic words  
____CC reduction  
____final C without C harmony | w  
____or reduplication  
____syllable reduction from iambic words  
____CC reduction  
____final C without C harmony | f  
____or reduplication  
____syllable reduction from iambic words  
____CC reduction  
____final C without C harmony |
| 3;0 - 3;6 | ___initial C  
____2-syllable words with no harmony  
____or reduplication  
____syllable reduction from iambic words  
____longer than 2 syllables  
____some stop + glide initial CC  
____medial and final CC reduction  
____final C without C harmony | m  
____2-syllable words with no harmony  
____or reduplication  
____syllable reduction from iambic words  
____longer than 2 syllables  
____some stop + glide initial CC  
____medial and final CC reduction  
____final C without C harmony | p b t d k g  
____or reduplication  
____syllable reduction from iambic words  
____longer than 2 syllables  
____some stop + glide initial CC  
____medial and final CC reduction  
____final C without C harmony | w  
____or reduplication  
____syllable reduction from iambic words  
____longer than 2 syllables  
____some stop + glide initial CC  
____medial and final CC reduction  
____final C without C harmony | f v s j  
____or reduplication  
____syllable reduction from iambic words  
____longer than 2 syllables  
____some stop + glide initial CC  
____medial and final CC reduction  
____final C without C harmony |
| 3;6 - 4;6 | ___initial C  
____2-3-syllable words with no harmony,  
____reduplication, or reduction  
____stop + glide initial CC  
____some medial and final CC  
____final C without C harmony | m  
____2-3-syllable words with no harmony,  
____reduplication, or reduction  
____stop + glide initial CC  
____some medial and final CC  
____final C without C harmony | p b t d k g  
____reduplication, or reduction  
____stop + glide initial CC  
____some medial and final CC  
____final C without C harmony | w  
____reduplication, or reduction  
____stop + glide initial CC  
____some medial and final CC  
____final C without C harmony | f v  
____reduplication, or reduction  
____stop + glide initial CC  
____some medial and final CC  
____final C without C harmony |
| 4;6 - 7;0 | ___initial C  
____2-3-syllable words with no harmony,  
____reduplication, or reduction  
____4+syllable words (initially with  
____harmony, reduplication or reduction)  
____all CC except θr-  
____final C without C harmony | m  
____2-3-syllable words with no harmony,  
____reduplication, or reduction  
____4+syllable words (initially with  
____harmony, reduplication or reduction)  
____all CC except θr-  
____final C without C harmony | p b t d k g  
____reduplication, or reduction  
____4+syllable words (initially with  
____harmony, reduplication or reduction)  
____all CC except θr-  
____final C without C harmony | w  
____reduplication, or reduction  
____4+syllable words (initially with  
____harmony, reduplication or reduction)  
____all CC except θr-  
____final C without C harmony | f v θ δ s z  
____reduplication, or reduction  
____4+syllable words (initially with  
____harmony, reduplication or reduction)  
____all CC except θr-  
____final C without C harmony |
| 7;0 - 9;0 | ___initial C  
____ multisyllabic words with no  
____harmony, reduplication or reduction  
____all CC including θr-, all positions  
____CCC in all positions  
____final C without C harmony | m  
____ multisyllabic words with no  
____harmony, reduplication or reduction  
____all CC including θr-, all positions  
____CCC in all positions  
____final C without C harmony | p b t d k g  
____harmony, reduplication or reduction  
____all CC including θr-, all positions  
____CCC in all positions  
____final C without C harmony | w  
____harmony, reduplication or reduction  
____all CC including θr-, all positions  
____CCC in all positions  
____final C without C harmony | f v θ δ s z  
____harmony, reduplication or reduction  
____all CC including θr-, all positions  
____CCC in all positions  
____final C without C harmony |


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STRESS PATTERNS: INDEPENDENT ANALYSIS

<table>
<thead>
<tr>
<th>Name:</th>
<th>Age:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
<td>Examiner:</td>
</tr>
<tr>
<td>Source of sample:</td>
<td>Size of sample:</td>
</tr>
</tbody>
</table>

S: strong syllable  
W: weak syllable

For each stress pattern, list words which the child produces with that pattern, whether correct or not. Examples in parentheses are intended to facilitate the speech-language pathologist's recognition of varied stress patterns only. The child should not necessarily be required to attempt these words.

<table>
<thead>
<tr>
<th>TARGET STRESS PATTERN</th>
<th>— EXAMPLES —</th>
</tr>
</thead>
<tbody>
<tr>
<td>—</td>
<td>(from child)</td>
</tr>
<tr>
<td>SW</td>
<td>(ex: mónkey)</td>
</tr>
<tr>
<td>WS</td>
<td>(ex: giráffe)</td>
</tr>
<tr>
<td>S WŠ</td>
<td>(ex: téléphône)</td>
</tr>
<tr>
<td>SWW/S ŠW</td>
<td>(ex: hámburger)</td>
</tr>
<tr>
<td>WSW</td>
<td>(ex: spaghétti)</td>
</tr>
<tr>
<td>WWS/ŠWS</td>
<td>(ex: kangaróo)</td>
</tr>
<tr>
<td>S WŠW</td>
<td>(ex: cáterpillar)</td>
</tr>
<tr>
<td>WS WŠ/ŠS W ŠW</td>
<td>(ex: rhinócerouš)</td>
</tr>
<tr>
<td>WWSW/ŠWS W</td>
<td>(ex: disappóinted)</td>
</tr>
<tr>
<td>OTHER 4 SYLL.</td>
<td>(SWWS, WSWS, WSSW)</td>
</tr>
<tr>
<td>5+ SYLLABLES</td>
<td></td>
</tr>
</tbody>
</table>

*from Velleman (1998)*