



PERCENTAGE CONSONANTS CORRECT (PCC) IMITATIVE SENTENCE SCORING FORM

Student/Child: _____ Date of Birth: ____/____/____

PCC Probe Date: ____/____/____ SLP: _____

The abbreviated procedures below are based on the recommendations of Johnson, Weston, and Bain (2004) and Shriberg and Kwiatkowski (1982):

1. Imitative samples of 36 sentences with appropriate mean length utterance (MLU) for the student's age should be used. Present sentences using a conversational tone without exaggerated prosodic cues (Johnson, Weston and Bain 2004).
2. Mark errors directly on the list of sentences for efficient scoring. Only consonants are scored, not vowels (i.e., only the consonantal /r/ is scored).
3. Score only the first production of a consonant if a syllable is repeated (e.g., ba-balloon). Score only the first /b/.
4. Do not score consonants if a word is unintelligible or only partially intelligible.
5. Errors include substitutions, deletions, distortions, and additions. Voicing errors are only scored for consonants in the initial position of words.
6. If /ng/ is replaced with /n/ at the end of a word, do not score it as an error. Likewise, minor sound changes due to informal speech and/or selection of sounds in unstressed syllables are not scored as errors.
7. Dialectal variations are not scored as errors.
8. To determine the PCC value count the total number of consonant errors and use the formula below.

- | | | | |
|---|--|---|--|
| 1. We see one big dog.
/wi si wʌn big dɔg/ | 10. Watch them dance.
/wɒtʃ ðɛm dæns/ | 19. One boy went behind the balls.
/wʌn bɔɪ wɛnt bə-haɪnd ðə bɔlz/ | 27. A lady climbed.
/ə ledɪ klɑɪmd/ |
| 2. Mother talks on the new phone.
/mʌðə tɔks ən ðə nu fɒn/ | 11. Now he can read.
/nəʊ hi kæn rɪd/ | 20. She can't get inside yet.
/ʃi kænt get ɪnsaɪd jɛt/ | 28. All kids work.
/ɔl kɪdz wɜ:k/ |
| 3. The baby has a pretty toy.
/ðe beɪ hæz ə prɪti tɔɪ/ | 12. He took dinosaurs.
/hi tʊk daɪnəsɔ:z/ | 21. I brought bugs and things.
/aɪ brɒt bʌgz ən θɪŋz/ | 29. Maybe this will move now.
/meɪbɪ ðɪs wɪl muv nəʊ/ |
| 4. Mom says, "Sit down."
/mɒm seɪz sɪt daʊn/ | 13. Look, he can pull.
/lʊk he kæn pʊl/ | 22. Pieces are all over.
/pi:sɜz ɑr əl ovə/ | 30. They are very tired.
/ðe ɑr vɛrɪ taɪəd/ |
| 5. You'll be fine with teacher.
/jʊl bi faɪn wɪθ ti:tʃə/ | 14. They just made cars.
/ðeɪ dʒɪs meɪd kɑ:z/ | 23. He got cold.
/hi gɒt kɒld/ | 31. We'll rest awhile.
/wɪl rɛst əwaɪl/ |
| 6. Oh no, the door shut!
/oʊ noʊ ðə dɔr ʃʌt/ | 15. Everybody goes around.
/ɛvri'bɔdi goz əraʊnd/ | 24. Time to clean up.
/taɪm tə klin ʌp/ | 32. He can open a door.
/hi kæn opən ə dɔr/ |
| 7. She looks happy.
/ʃi lʊks hæpi/ | 16. Now he wants water.
/nəʊ hi wʌnts wɔ:tə/ | 25. Put one flower on his head.
/pʊt wʌn fləʊə ən ɪz hɛd/ | 33. Come into the room.
/kʊm ɪntu ðə rum/ |
| 8. Some kids are playing.
/sʌm kɪdz ɑr pleɪŋ/ | 17. She fell down.
/ʃi fɛl daʊn/ | 26. We want more food.
/wi wʌnt mɔr fud/ | 34. The dog is watching.
/ðə dɔg ɪz wɒtʃɪŋ/ |
| 9. She is looking in.
/ʃi ɪz lʊkɪŋ ɪn/ | 18. What is so funny?
/wʌt ɪz so fʌnɪ/ | | 35. Move the bug off.
/muv ðə bʌg əf/ |
| | | | 36. Time to go home.
/taɪm tə go hɒm/ |

$$273 \text{ Consonants} - \text{ ______ errors} = \text{ ______} / 273 \times 100 =$$

PCC SCORE: _____

Permission was granted by the American Speech-Language Hearing Association to reprint Appendix B from Johnson, C. A., Weston, A. D., & Bain, B. A. (2004). [An objective and time-efficient method for determining severity of childhood speech delay](#). American Journal of Speech-Language Pathology, 13, 55-65.