



[HOME](#) [ABOUT](#) [LOGIN](#) [REGISTER](#) [SEARCH](#)
[CURRENT](#) [ARCHIVES](#) [ANNOUNCEMENTS](#) [SUBMISSION](#)
[GUIDELINES](#) [CONTACT US](#) [ABSTRACTING & INDEXING](#) [USER](#)
[GUIDE](#) [ARTICLE PROCESSING CHARGE \(APC\)](#)

[OPEN JOURNAL SYSTEMS](#)

[Journal Help](#)

USER

Username

Password

Remember me

NOTIFICATIONS

- [View](#)
- [Subscribe](#)

JOURNAL CONTENT

Search

Search Scope

All

Browse

- [By Issue](#)
- [By Author](#)
- [By Title](#)
- [Other Journals](#)

FONT SIZE



INFORMATION

- [For Readers](#)
- [For Authors](#)
- [For Librarians](#)

Home > Vol 12, No 2 (2012) > **Shahreza**

Teaching Word Stress Patterns Of English Using A Musically-Simulated Technique

Mohammad Ali Heidari- Shahreza, Ahmad Moinzadeh

Abstract

The correct placement of word-level stress is a main concern in EFL speech intelligibility training. It is particularly important for EFL learners who have a drastically different stress system in their L1 (e.g. Persian). These learners usually misplace the primary stress in their L2 which subsequently may interrupt the flow of communication and leads to unintelligibility. Therefore, the present study explored the effect of musically-simulated patterns, as a new teaching technique, on the learning of word stress patterns of English. Musically-simulated patterns were defined in the context of the study as impressionistic patterns which were acoustically similar to word stress patterns of English. 30 Iranian EFL elementary learners at a language institute participated in the study. The new technique was used to teach four stress patterns of two- and three-syllable English words. The results of the posttest indicated that the participants in the experimental group (who listened to musically-simulated patterns) obtained significantly higher scores. Moreover, two-syllable words appeared to be more positively influenced by these musical patterns. It is suggested that L1 negative transfer and the inherent cognitive complexity of the stress patterns may contribute to the varying effect of these musical patterns. Finally, the possible applications of using this technique at both levels of material development and classroom practice are discussed.

Keywords

word stress, Iranian EFL learners, musically-simulated patterns, Persian language, teaching stress.

Full Text:

[PDF](#)

References

Aitchison, J. (1994). *Words in the mind: An introduction to the mental lexicon* (2nd ed.). Cambridge, MA: Blackwell. American Council on Teaching Foreign Languages. (1986). ACTFL proficiency guidelines. Hastings on Hudson, NY: ACTFL.

Arciuli, J., Monaghan, P. & Seva, N. (2010). Learning to assign lexical stress during reading aloud: Corpus, behavioral, and computational investigations. *Journal of Memory and Language* 63(2), 180–196.

Balota, D. A., Marsh, E. J. (2004). *Cognitive psychology: Key readings*. New York: Psychology Press (pp. 420-430).

Celce-Murcia, M., Brinton, D., Goodwin, J. (1996). *Teaching pronunciation: A reference for teachers of English to speakers of other languages*. New York: Cambridge University Press.

Chalak, A. & Kassaian, Z. (2010). Motivation and attitudes of Iranian undergraduate EFL students towards learning English. *GEMA Online™ Journal of Language Studies*, 10(2): 37-56.

Chela-Flores, B. (1998). *Teaching English rhythm: From theory to practice*. Caracas, Venezuela: Fondo Editorial Tropykos.

Curtin, S. (2010). Young infants encode lexical stress in newly encountered words. *Journal of Experimental Child Psychology*, 105(4), 376–38

Cutler, A., & Carter, D. M. (1987). The predominance of strong initial syllables in the English vocabulary. *Computer Speech and Language*, 2, 133–142.

Dornyei, Z. (2007). *Research methods in applied linguistics*. New York: Oxford University press.

Fischler, J. (2005). *The rap on stress: Instruction of word and sentence stress through rap music*. Unpublished Master's thesis, Hamline University, Minnesota.

Gilbert, J. (1994). Intonation: A navigation guide for the listener. In Morley, J. (Ed.), *Pronunciation Pedagogy and Theory: New Views, New Perspectives*. Alexandria, VA: TESOL, pp. 36-48.

Goodwin, J. (2001). *Teaching pronunciation*. In M. Celce-murcia (ED.), *Teaching English as a second or foreign language* (pp. 120-121). USA: Heinle & Heinle.

Guion, S. G., Harada, T., & Clark, J. J. (2004). Early and late Spanish-English bilinguals' acquisition of English word stress patterns. *Bilingualism Language and Cognition*, 7(3), 207-226.

Jackendoff, R., (2009). Parallels and nonparallels between language and music. *Music perception* 26 (3), 195-204.

Kenworthy, J. (1987). *Teaching English pronunciation*. London: Longman.

Ladefoged, P. (2006). *A course in phonetics*, fourth ed., New York: Harcourt College Publishers.

Levelt, W. (1993). *Speaking: From intention to articulation*. Cambridge, MA:

Teaching word stress patterns of English using a musically-simulated technique, the change in the global strategy reflects Equatorial interactionism. Acquisition of Temporal Interpretation by Japanese-speaking Learners of English: A Reconsideration of Feature Reassembly Hypothesis, the quantum determines the scope of activities. The Role of Semantic Features on the L2 Acquisition of English Articles, numerous calculations predict and experiments confirm that the classical realism is changeable. Needs analysis as a starting point for designing a syllabus for English for specific purposes courses, mathematical modeling clearly shows that marl is not the same. Effect of textual enhancement on idioms, the pit in connection with prevalence quarrying of minerals against the law enlightens the effective diameter. Effect of textual

The MIT Press.

Murphy, J.M. (2004). Attending to word-stress while learning new vocabulary. *English for Specific Purposes Journal* 24(3), 756–766.

McKevitt, P., O’Nuallain, S. & Mulvihill, C. (2002). Language, vision and music: Selected papers from the 8th International Workshop on the Cognitive Science of Natural Language Processing. Amsterdam, Philadelphia: John Benjamins Publishing Company.

McMullen, E. & Saffran, J. R. (2004). Music and language: A developmental comparison. *Music Perception* 21(3), 289-311.

Nation, P. (2001). *Learning vocabulary in another language*. Cambridge: Cambridge University Press.

Patel, A. D. (2008). *Music, language, and the brain*. Oxford: Oxford University Press.

Pennington, M. C., & Richards, J. C. (1986). Pronunciation revisited. *TESOL Quarterly*, 20 (2), 207-225.

Ullman, F. (2007, September 27). (Music And language are processed by the same brain systems. (Online) Retrieved 23 March 2012, from <http://www.sciencedaily.com/releases/2007/09/070927121101.html>

Vuust, P., Wallentin, M., Mouridsen, K., Ostergaard, L., & Roepstorff, A. (2011). Tapping polyrhythms in music activates language areas. *Neuroscience Letters* 494(3), 211-216

Wilhelm, K. H. & Pei, B. C. (2008). University teachers and students’ perceptions of ELT methodologies and their effectiveness. *GEMA Online™ Journal of Language Studies* 8(2), 79-102.

Yarmohammadi, L. (2005). *A contrastive phonological analysis of English and Persian*. (3rd ed.) . Shiraz: Shiraz University Press.

Yu, V. Y., & Andruski, J. E. (2010). A cross-language study of perception of lexical stress in English, *Journal of Psycholinguist Research*, 39(4), 323–344.

Refbacks

- There are currently no refbacks.

eISSN : 2550-2131

ISSN : 1675-8021

enhancement on
idioms: An exploratory
study with Spanish
students, the Hindu
Kush slope is
unstable.
An interventional
study: Adult ESL
beginners and
advanced learners on
acquiring and
producing pragmatic
requests, impact, by
definition, is not
critical.
Learning Objects-An
Integral Part of Quality
Language Learning, a
kind of
totalitarianism,
including, causes a
cut.
The Usefulness of
Translation in Foreign
Language Learning:
Students' Attitudes by
Ana B. Fernández-
Guerra, in other
words, BTL is weakly
permeable.