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CONTRASTIVE ANALYSIS OF TONGUE TWISTERS WITH NATURAL PHENOMENA COMPONENTS IN UZBEK AND ENGLISH LANGUAGES

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Annotation

This article presents a contrastive linguistic analysis of tongue twisters that contain natural phenomena components in the Uzbek and English languages. The study focuses on their phonetic, lexical, and cultural characteristics, highlighting how both languages use elements of nature to enhance articulation, rhythm, and humor. The results reveal that both Uzbek and English tongue twisters reflect the worldview, environment, and linguistic creativity of their respective cultures.

Keywords: tongue twisters, natural phenomena, phonetics, linguoculture, contrastive analysis, Uzbek, English.

Tongue twisters, as a form of oral folklore, serve both a linguistic and cultural function in many languages. They are designed to improve pronunciation, articulation, and fluency, while also reflecting the unique worldview and creativity of the people who use them. Natural phenomena components—such as rain, wind, sun, snow, storm, and lightning—are widely used in tongue twisters, symbolizing the close relationship between humans and nature.

The aim of this article is to analyze and compare Uzbek and English tongue twisters that include natural phenomena components in terms of their linguistic structure and cultural significance.

Tongue twisters (in Uzbek, *tez aytishlar*) are short rhythmic expressions that contain phonetic repetitions of consonants and vowels. Their main function is to develop articulation and pronunciation.

In linguistics, they are often analyzed from **phonological, semantic, and structural** perspectives. The repetition of sounds such as /s/, /ʃ/, /tʃ/ in English or /s/, /sh/, /ch/ in Uzbek creates phonetic complexity and aesthetic playfulness.



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In English, tongue twisters often use natural elements such as wind, rain, sun, or snow to form vivid imagery. Examples include:

1. The sun shines on shop signs.
2. Whirling winds whipped white waves.
3. Rain ran rapidly down the rugged road.
4. Snow softly slides south.

These examples demonstrate alliteration and assonance through repetition of consonant and vowel sounds. They also create a natural rhythm, connecting speech practice with imagery of nature.

Uzbek tongue twisters also frequently refer to natural elements such as quyosh (sun), shamol (wind), yomg‘ir (rain), and qor (snow). Examples include:

1. Shamol shovqin solib, shoshilib shaharni aylanar.
2. Quyosh qizdirar, qovun pishirar.
3. Yomg‘ir yog‘ar, yerni yuvinar.
4. Qor qoplab, qish qo‘yniga olinar.

These tongue twisters, like their English counterparts, rely on sound repetition, rhythm, and vivid imagery, but they also express Uzbek cultural associations with seasons, agriculture, and everyday life.

Aspect	English	Uzbek
Phonetic Features	Focus on alliteration (e.g., s, r, w sounds)	Focus on consonant clusters (sh, q, y)
Lexical Elements	Uses weather and climate terms common to England	Reflects Central Asian climate and natural landscape
Cultural Symbolism	Nature as beauty and unpredictability	Nature as fertility, life, and harmony
Function	Entertainment, articulation practice	Speech development, cultural transmission

Both languages show that natural phenomena are used not only for phonetic play but also as metaphors reflecting their native environments.

Natural phenomena in tongue twisters embody national perceptions of nature.

- In English, nature is dynamic, whimsical, and often personified (e.g., whirling winds).



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- In **Uzbek**, nature represents abundance, warmth, and the cyclical rhythm of life.

Thus, tongue twisters reveal not only linguistic but also ethnocultural features of both nations.

The comparative study of Uzbek and English tongue twisters with natural phenomena components shows that both languages employ similar phonetic strategies but reflect different cultural perceptions of nature. Uzbek tongue twisters are closely tied to agrarian life and local climate, while English ones often focus on vivid sensory descriptions. Both contribute to the development of pronunciation, linguistic play, and preservation of cultural values.

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