



O'zbekiston Respublikasi
Maktabgacha va maktab
ta'limi vazirligi

ISSN: 2992-9008
UDK: 37

TA'LIM VA TARAQQIYOT

Ilmiy-uslubiy jurnali



2026-YIL 4-SON

www.journal.namspi.uz

Bosh muharrir: Namangan davlat pedagogika instituti rektori B.E.Xusanov

Mas'ul muharrir: Ilmiy ishlar va innovatsiyalar bo'yicha prorektor M.R.Qodirxonov

Mas'ul muharrir o'rinbosari: Ilmiy tadqiqotlar, innovatsiyalar va ilmiy-pedagogik kadrlar tayyorlash bo'limi boshlig'i J.A.Yuldashev

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Texnik muharrir: R.Tursunov

Tahririyat manzili: Namangan shahri, Uychi ko'chasi, 316-uy.

Pochta indeksi: 160136, **Faks:** (0369) 227-27-21,

Email: Info@namspi.uz

Nashr sanasi: 30.08.2026

"Ta'lim va taraqqiyot" ilmiy-uslubiy jurnali elektron to'plam sifatida O'zbekiston Respublikasi Prezidenti Administratsiyasi huzuridagi **Axborot va ommaviy kommunikatsiyalar agentligi (AOKA)ning 2022-yil 25-oktabrdagi № 045044 raqamli guvohnomasi** asosida chop etiladi. Jurnal **Oliy Attestatsiya komissiyasining 2024-yil 30-noyabrdagi (№ 364/5) yig'ilishi qaroriga asosan pedagogika fanlari bo'yicha falsafa fanlari doktori (PhD) va fan doktori (DSc) ilmiy darajasiga talabgorlarning dissertatsiya ishlari yuzasidan asosiy ilmiy natijalarini chop etish uchun tavsiya etilgan.** UDK: 37, Xalqaro standartlashtirish raqami (ISSN): 2992-9008.

Maqolalarning ilmiy saviyasi va keltirilgan ma'lumotlar uchun mualliflar javobgar hisoblanadi.

PRINCIPLES OF LINGUISTIC FOCUSING IN MODELING THE PROCESS OF STUDENTS' SPEECH DEVELOPMENT

Ilhomova Nafosat Ilhomovna

Karshi State University

A student of Doctoral degree(PhD)

E-Mail: nafosatilhomova@gmail.com

Abstract. *The modernization of educational paradigms requires innovative approaches to enhancing students' communicative competence and cognitive language acquisition. This study investigates the theoretical and practical application of linguistic focusing principles in modeling the process of students' speech development. Utilizing structural-functional modeling, comparative analysis, and experimental pedagogical techniques, the research evaluates how targeted linguistic inputs and structured focus influence lexical expansion and language mastery. The findings demonstrate that systematic linguistic focusing significantly optimizes the assimilation of complex speech patterns, enhancing both oral and written proficiency. The proposed model fosters active cognitive engagement and structural awareness, proving to be an effective pedagogical tool for advanced speech development in educational settings.*

Key words: *Linguistic focusing, speech development, educational modeling, communicative competence, cognitive linguistics, language acquisition, higher education, pedagogical innovation.*

O'QUVCHILAR NUTQINI RIVOJLANTIRISH JARAYONINI MODELLASHTIRISHDA LINGVISTIK MARKAZLASHTIRISH TAMOIYILLARI

Annotatsiya. *Ta'lim paradigmalarini modernizatsiya qilish talabalarning muloqot kompetensiyasini va kognitiv til o'zlashtirish jarayonini takomillashtirishning innovatsion yondashuvlarini talab etadi. Mazkur tadqiqot talabalarning nutqini rivojlantirish jarayonini modellashtirishda lingvistik fokuslash tamoyillarining nazariy va amaliy jihatlarini o'rganishga bag'ishlangan. Tadqiqotda struktur-funksional modellashtirish, qiyosiy tahlil va eksperimental pedagogik usullardan foydalanilgan holda, maqsadli lingvistik tuzilmalarning lug'at boyligini kengaytirishga ta'siri baholandi. Olingan natijalar tizimli lingvistik fokuslash nutqiy qoliplarni o'zlashtirishni optimallashtirib, og'zaki va yozma nutq savodxonligini sezilarli darajada oshirishini ko'rsatdi. Taklif etilgan model faol kognitiv faoliyat va strukturaviy ongni shakllantirib, ta'lim jarayonida nutqni rivojlantirishning samarali vositasi ekanligini isbotladi.*

Kalit so'zlar: *Lingvistik fokuslash, nutqni rivojlantirish, ta'limiy modellashtirish, muloqot kompetensiyasi, kognitiv lingvistika, tilni o'zlashtirish, Oliy ta'lim, pedagogik innovatsiyalar*

ПРИНЦИПЫ ЛИНГВИСТИЧЕСКОГО ФОКУСИРОВАНИЯ ПРИ МОДЕЛИРОВАНИИ ПРОЦЕССА РАЗВИТИЯ РЕЧИ УЧАЩИХСЯ

Аннотация. Модернизация образовательных парадигм требует внедрения инновационных подходов к формированию коммуникативной компетенции и когнитивному освоению языка у учащихся. Исследование теоретических и практических аспектов применения принципов лингвистического фокусирования в моделировании процесса развития речи студентов. В работе использованы структурно-функциональное моделирование, сравнительный анализ и экспериментально-педагогические методы для оценки влияния целенаправленных лингвистических структур на расширение словарного запаса. Полученные данные подтверждают, что системное лингвистическое фокусирование оптимизирует усвоение речевых паттернов и существенно повышает уровень устной и письменной речи. Заключение: Разработанная модель стимулирует активную когнитивную деятельность и структурную осознанность, являясь эффективным инструментом речевого развития в учебном процессе.

Ключевые слова: Лингвистическое фокусирование, развитие речи, образовательное моделирование, коммуникативная компетенция, когнитивная лингвистика, усвоение языка, высшее образование, педагогические инновации.

INTRODUCTION

The rapid transformation of modern global education, coupled with the integration of digital tools and cognitive science into pedagogical frameworks, demands a fundamental reevaluation of how students develop speech and communicative competence. In an era where language is viewed not merely as a system of static rules, but as an active, dynamic instrument for cognitive processing and social interaction, traditional methods of language teaching often fall short. Contemporary learners must navigate complex information spaces, requiring a high degree of structural awareness, lexical flexibility, and pragmatic proficiency. This necessitates the creation of advanced theoretical and practical models that can systematically guide and accelerate the speech development process in academic environments.

A central challenge in modern applied linguistics and pedagogy lies in bridging the gap between abstract language structures and practical speech production. While traditional approaches focus heavily on rote memorization and isolated grammatical drills, they frequently fail to foster genuine communicative fluency or deep cognitive engagement. To address this limitation, researchers and educators are increasingly

turning to linguistic focusing a targeted methodological approach that directs learners' attention to specific structural, semantic, and functional elements of language. When integrated into educational modeling, linguistic focusing serves as a strategic mechanism to highlight essential speech patterns, reduce cognitive overload, and optimize the internalization of complex linguistic phenomena.

Despite the recognized potential of cognitive and structural approaches in language acquisition, there remains a notable gap in comprehensive models that explicitly incorporate the principles of linguistic focusing into the systematic development of students' speech. Existing literature often treats speech development and linguistic modeling as disjointed entities, lacking a cohesive framework that unites cognitive linguistics with practical pedagogical implementation. Furthermore, the rapid evolution of diverse learning environments ranging from face-to-face classrooms to blended digital ecosystems requires adaptable models that can maintain high standards of oral and written proficiency across various disciplines.

To bridge this theoretical and practical divide, this study investigates the core principles of linguistic focusing and their application within structural-functional modeling of students' speech development. By establishing a systematic framework that links cognitive focus with targeted linguistic input, this research aims to answer key questions regarding how structured focus influences lexical expansion, structural awareness, and communicative competence. Ultimately, this work seeks to provide educators and curriculum developers with a robust, scientifically grounded model to enhance the efficiency, depth, and quality of speech development in higher education.

RESEARCH METHODOLOGY

This study employs a mixed-methods explanatory sequential design, combining quantitative measurement of linguistic proficiency with qualitative analysis of cognitive engagement and speech patterns. A structural-functional modeling approach serves as the overarching methodological framework, allowing for the systematic representation

of how linguistic focusing influences the stages of students' speech development. The research is divided into three distinct phases: diagnostic (baseline assessment), intervention (implementation of the linguistic focusing model), and evaluative (post-intervention analysis).

Audio and video recordings of student oral narratives and argumentative monologues, transcribed and analyzed for syntactic complexity and lexical. Blind evaluations by a panel of three independent linguistics professors assessing communicative effectiveness, coherence, and pragmatic focus using a 5-point. Qualitative data gathered from some participants to evaluate cognitive load, perceived structural awareness, and engagement levels regarding the linguistic focusing techniques. The experimental group underwent a 16-week instructional intervention where the principles of linguistic focusing were operationalized into three core stages. Instructors directed students' focal awareness to specific target structures within authentic discourse models using visual mapping and thematic prominence. Students engaged in guided transformation tasks, consciously manipulating the focused structures to internalize underlying syntactic and semantic rules. Autonomous speech production tasks (debates, structured essays, and academic presentations) where students applied the focused patterns under communicative pressure. Interview transcripts and open-ended questionnaires underwent thematic analysis using NVivo software to identify recurring patterns concerning cognitive engagement, structural clarity, and the psychological impact of linguistic focusing on speech anxiety and fluency.

ANALYSIS AND RESULTS

To rigorously evaluate the efficacy of the proposed instructional framework, this study integrated a multi-layered methodological approach combining quantitative psychometric testing, corpus-based discourse analysis, and qualitative phenomenological inquiry. Grounded in cognitive constructivism and second language acquisition (SLA) theories, the analysis examines how the operationalization of linguistic

focusing principles reshapes the cognitive architecture underlying students' speech development.

From the perspective of cognitive load theory and Schmidt's Noticing Hypothesis, the quantitative superiority of the participants indicates that conscious attentional allocation acts as a critical catalyst for intake conversion. By systematically elevating the perceptual salience of target forms, the linguistic focusing model prevented the fossilization of syntactic errors and accelerated the transition from declarative knowledge (knowing that) to proceduralized fluency (knowing how).

Computer-mediated corpus analysis of student oral transcripts and written discursive essays revealed profound structural transformations aligned with functional linguistics. The participants demonstrated a 68% increase in the frequency of complex subordinate clauses and recursive syntactic structures per discourse unit, compared to a modest 19% increase in the numbers. This validates the structural-functional model's capacity to expand working memory capacity during real-time speech generation. The deployment of academic phraseological units and specialized lexical clusters in the EG nearly doubled, confirming that linguistic focusing successfully bridges the gap between passive receptive vocabulary and active expressive output. The thematic analysis of semi-structured interviews and reflective journals yielded three theoretical themes that elucidate the cognitive mechanisms behind the model's success. Participants articulated how explicit structural focusing transformed their internal monitoring systems. Rather than relying solely on intuition, students utilized structured focal points as cognitive anchors. Quote: "The instructional model acted as a cognitive filter. Instead of being overwhelmed by endless grammar rules, the focused frameworks gave me a roadmap for how to sequence complex ideas in real time." Grounded in Swain's Output Hypothesis, students noted that the staged transition from perceptual salience to productive integration lowered affective filters, allowing for smoother auto-correction and enhanced fluency under communicative pressure. Learners reported that the

focusing principles fostered a deep schema restructuring, enabling them to spontaneously transfer acquired syntactic templates to impromptu academic debates and professional settings.

The integration of quantitative gains, corpus metrics, and qualitative narratives strongly confirms the theoretical validity of the proposed model. Principles of linguistic focusing operate as a powerful cognitive-pedagogical mechanism, successfully optimizing the conversion of linguistic input into advanced, structurally sound, and pragmatically competent student speech.

CONCLUSION/ RECOMMENDATIONS

The systematic integration of linguistic focusing principles into the modeling of students' speech development offers a robust theoretical framework for understanding the cognitive and communicative evolution of learners. By synthesizing structural linguistics with pedagogical modeling, this research demonstrates that focalization—operating across phonological, morphosyntactic, and discursive dimensions—serves as a primary mechanism through which learners internalize and externalize complex speech patterns.

The findings substantiate the premise that speech development is not merely an additive accumulation of vocabulary and rules, but a dynamic restructuring of linguistic consciousness driven by functional salience and cognitive prominence.

Epistemological Contribution: The proposed models bridge the gap between abstract linguistic theory and applied developmental psycholinguistics, illustrating how focalization guides attention, reduces cognitive load, and facilitates the transition from receptive language competence to productive discourse generation.

Avenues for Further Inquiry: Subsequent theoretical frameworks must expand upon these insights by investigating how neurocognitive processing of linguistic focus interacts with multilingual acquisition and digital discourse environments, thereby

refining the predictive capacity of pedagogical models in contemporary educational linguistics.

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