COGNITIVE LINGUISTICS IN ENGLISH: THE ROLE OF THE ENGLISH LANGUAGE IN CRITICAL AND LOGICAL THINKING
KOGNITIV TILSHUNOSLIK INGLIZ TILIDA: INGLIZ TILINING TANQIDIY VA MANTIQIY FIKRLASHDAGI ROLI
КОГНИТИВНАЯ ЛИНГВИСТИКА В АНГЛИЙСКОМ ЯЗЫКЕ: РОЛЬ АНГЛИЙСКОГО ЯЗЫКА В КРИТИЧЕСКОМ И ЛОГИЧЕСКОМ МЫШЛЕНИИ

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Abstract: This thesis explores the role of the English language in cognitive linguistics, with a particular focus on its contributions to critical and logical thinking. It examines how English facilitates cognitive processes such as reasoning, argumentation, and problem-solving through its linguistic structures and usage. By analyzing key concepts in cognitive linguistics and their application to English, the study aims to understand how the language shapes and enhances cognitive abilities and influences logical and critical thinking.

Keywords: Cognitive linguistics, critical thinking, logical thinking, english language, reasoning, argumentation, conceptual metaphors, syntactic structures, semantic analysis, pragmatic context, cognitive processes, language and cognition, educational implications, language learning

Annotatsiya: Ushbu tezis ingliz tilining kognitiv tilshunoslikdagi rolini o'rganadi, ayniqsa uning tanqidiy va mantiqiy fikrlashga qo'shgan hissasiga e'tibor qaratadi. Ingliz tilining fikrlash, munozara va muammolarni hal qilish kabi kognitiv jarayonlarni qanday qo'llab-quvvatlashini va tilning bu jarayonlardagi roli tahlil qilinadi. Kognitiv tilshunoslikdagi asosiy tushunchalar va ularning ingliz tiliga

qo'llanilishini o'rganish orqali, tilning kognitiv qobiliyatlarni qanday shakllantirishi va kuchaytirishi, shuningdek, mantiqiy va tanqidiy fikrlashga ta'sirini tushunish maqsad qilingan.

Kalit so'zlar: Kognitiv tilshunoslik, tanqidiy fikrlash, mantiqiy fikrlash, ingliz tili, fikrlash, munozara, konseptual metaforalar, sintaktik tuzilmalar, semantik tahlil, pragmatik kontekst, kognitiv jarayonlar, til va fikrlash, ta'limiy oqibatlar, til o'rganish

Аннотация: В данной диссертации исследуется роль английского языка в когнитивной лингвистике, с особым акцентом на его вклад в критическое и логическое мышление. Рассматривается, как английский язык способствует когнитивным процессам, таким как рассуждение, аргументация и решение проблем, через свои лексические структуры и использование. Анализируя ключевые концепции когнитивной лингвистики и их применение к английскому языку, исследование направлено на понимание того, как язык формирует и развивает когнитивные способности и влияет на логическое и критическое мышление.

Ключевые слова: Когнитивная лингвистика, критическое мышление, логическое мышление, английский язык, рассуждение, аргументация, концептуальные метафоры, синтаксические структуры, семантический анализ, прагматический контекст, когнитивные процессы, язык и когниция, образовательные последствия, изучение языка

Introduction

Cognitive linguistics studies the relationship between language and cognition, investigating how linguistic structures reflect and influence mental processes. This thesis focuses on the English language's role in fostering critical and logical thinking. It explores how the language's syntactic, semantic, and pragmatic features contribute to reasoning and problem-solving, providing insights into the cognitive functions of language.

Methodology

1. Theoretical framework:

- Cognitive linguistics: Examination of core theories in cognitive linguistics, including conceptual metaphor theory, frame semantics, and mental imagery.

- Language and cognition: Analysis of how linguistic structures and usage affect cognitive processes such as reasoning and argumentation.

2. Linguistic analysis:

- Syntactic structures: Study of how English syntactic structures facilitate logical reasoning and argumentation.

- Semantic analysis: Exploration of semantic frameworks and how they support critical thinking through precise and nuanced meaning.

3. Practical application:

- Case studies: Examination of specific examples from English texts, including academic writing, persuasive essays, and debates, to illustrate the role of language in critical thinking.

- Experimental research: Analysis of experimental studies that investigate how language influences cognitive tasks and problem-solving.

Findings

1. Language and cognitive processes:

- Reasoning and argumentation: English syntactic structures, such as conditional sentences and logical connectives, support complex reasoning and argument construction.

- Conceptual metaphors: The use of conceptual metaphors in English provides frameworks for understanding abstract concepts and enhances cognitive flexibility.

2. Semantic and pragmatic features:

- Precision and nuance: English allows for precise expression of ideas through its rich vocabulary and semantic distinctions, which aids in critical analysis and logical reasoning.

- Pragmatic context: The role of context in interpreting meaning and the use of implicature in English contribute to effective argumentation and critical thinking.

3. Educational implications:

- Language learning: Understanding the cognitive aspects of English can enhance language education by focusing on how linguistic features support cognitive development.

- Critical thinking skills: Integrating cognitive linguistic principles into education can improve students' ability to reason critically and solve problems.

Discussion

The findings demonstrate that the English language plays a significant role in cognitive processes related to critical and logical thinking. Its syntactic and semantic structures facilitate reasoning, argumentation, and problem-solving. The application of cognitive linguistic theories to English reveals how the language shapes and enhances cognitive abilities, providing valuable insights for both theoretical and practical applications.

Conclusion

English, as a cognitive tool, significantly influences critical and logical thinking. Through its linguistic features, it supports complex cognitive processes and enhances reasoning abilities. This thesis underscores the importance of understanding the relationship between language and cognition, highlighting the role of English in fostering critical thinking skills and providing practical implications for education and cognitive research.

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