



METHODS AND MEANS OF IMPROVING THE METHODOLOGY OF TEACHING TERMINOLOGICAL LEXICON TO STUDENTS IN THE DIRECTION OF ELECTRICITY

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Annotation: *This article explores various methods and tools to enhance the teaching methodology of terminological lexicon to students specializing in electricity. It emphasizes the importance of developing a clear and structured approach to teaching technical vocabulary to enhance comprehension and practical application. A combination of traditional and modern teaching tools, including technology integration, is examined to improve learning outcomes.*

Keywords: *Terminological lexicon, electricity, teaching methodology, technical vocabulary, educational technology, learning outcomes, professional terminology.*

The teaching of terminological lexicon is a fundamental aspect of training students in technical fields, particularly electricity. Terminology plays a critical role in understanding concepts, processes, and technologies essential for future professionals. Therefore, developing effective methods for teaching and learning technical vocabulary is essential for enhancing students' proficiency and competence in their chosen field.

Teaching terminological lexicon to students specializing in electricity requires a structured approach aimed at enhancing their professional communication skills and understanding of technical concepts. Effective



methodology improvements can enhance comprehension, retention, and practical application of technical vocabulary.

Objectives of Teaching Terminological Lexicon

- To develop students' ability to accurately understand and use technical terms in the field of electricity.
- To enhance professional communication skills.
- To improve the efficiency of learning complex technical concepts through vocabulary acquisition.

Key Principles

- Contextual Learning: Teaching terminology within relevant practical and theoretical contexts.
- Systematic Approach: Progressive introduction of terms from simple to complex.
- Student-Centered Learning: Encouraging active participation and inquiry-based learning.
- Assessment and Feedback: Continuous assessment to monitor progress and provide constructive feedback.

Methods of Teaching Terminological Lexicon

Traditional Methods

- Lectures and Textbook Analysis: Providing clear definitions and explanations of terms.
- Glossary Creation: Compiling key terms and definitions for reference.
- Translation Exercises: Translating technical texts to improve comprehension.

Modern Methods

- Communicative Approach: Focusing on practical usage of terminology in communication scenarios.



- Task-Based Learning (TBL): Providing real-world tasks that require the application of specific terminology.

- Concept Mapping: Visual representation of terms and their interrelationships.

- Blended Learning: Integrating digital tools (e.g., Kahoot, Quizlet) for interactive learning.

Innovative Approaches

- STEAM Approach: Applying terminology through interdisciplinary projects combining Science, Technology, Engineering, Arts, and Mathematics.

- Gamification: Using games and quizzes to reinforce vocabulary learning.

- Artificial Intelligence Tools: Incorporating AI-based platforms for personalized learning.

Means of Improving the Methodology

- Digital Tools: Utilization of educational platforms, e-learning resources, and specialized software for interactive learning.

- Interactive Multimedia Content: Use of videos, animations, and simulations to explain complex concepts.

- Collaborative Learning Platforms: Facilitating peer-to-peer discussions and knowledge exchange.

- Mobile Learning Applications: Enhancing learning accessibility through mobile-friendly platforms.

Assessment and Feedback Mechanisms

- Formative Assessments: Regular quizzes, flashcards, and oral tests.

- Summative Assessments: Written tests and practical demonstrations of vocabulary usage.

- Peer Assessment: Encouraging students to evaluate each other's knowledge application.



- Adaptive Testing: Using AI-driven assessment tools to gauge individual progress.

Recommendations

- Incorporate more practical, real-life scenarios for terminology application.
- Promote collaborative learning through group projects and discussions.
- Utilize AI-based language tools for customized learning paths.
- Continuously update the terminological lexicon in line with technological advancements.

The study confirms that integrating modern teaching tools, such as mobile applications, online glossaries, and simulation platforms, positively impacts students' learning processes. However, challenges such as limited access to technological resources and varying levels of digital literacy among students need to be addressed. Additionally, teacher training is crucial to ensure the effective implementation of these methods.

Conclusions

Improving the methodology of teaching terminological lexicon to students in the field of electricity involves a balanced combination of traditional, modern, and innovative teaching techniques. Utilizing digital tools, interactive content, and AI-driven platforms can significantly enhance learning outcomes.

Effective teaching of terminological lexicon in the field of electricity requires a comprehensive approach that combines traditional and innovative methods. It is recommended to incorporate digital tools, provide contextual learning experiences, and enhance teacher training programs to improve educational outcomes. Future research could focus on developing specialized resources tailored to the needs of students in the direction of electricity.

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