

METHODOLOGY FOR THE DEVELOPMENT OF LANGUAGE SKILLS IN MEDICAL STUDENTS THROUGH CLIL TECHNOLOGIES

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Abstract: Here is a methodology for developing language skills in medical students using CLIL (Content and Language Integrated Learning) technologies, along with references to support the approach.

Key words: Curriculum Design, Task-Based Learning, Technology Integration, Continuous Improvement

Абстрактный: Ниже представлена методика развития языковых навыков у студентов-медиков с использованием технологий CLIL (Content and Language Integrated Learning), а также ссылки, подтверждающие этот подход.

Ключевые слова: Разработка учебной программы, обучение на основе задач, Интеграция технологий, постоянное совершенствование.

Methodology for Developing Language Skills through CLIL

1. Needs Analysis essential for tailoring the curriculum to meet the specific needs of learners. Here’s a breakdown of how to conduct a needs analysis in a CLIL context:

- **Assessment of Language Proficiency:** Conduct an initial assessment to basis students' language abilities and specific needs related to medical terminology and communication.
- **Identify Learning Outcomes:** Define clear, measurable objectives for both language and medical content acquisition.

2. Curriculum Design Curriculum design involves planning and organizing the content and structure of educational programs.

- **Integrated Content and Language Goals:** Develop a curriculum that combines medical content with language learning goals. For example, teaching anatomy while focusing on vocabulary, listening, and speaking skills.

- **Task-Based Learning:** Design tasks that require students to use the target language in authentic medical contexts, such as case studies, patient simulations, and presentations.

3. Instructional Strategies Content and Language Integrated Learning (CLIL) combines teaching subjects like science or history with language learning. Here are some effective instructional strategies for CLIL:

- **Collaborative Learning:** Utilize group work to foster peer interaction and communication. Encourage students to discuss medical cases and share perspectives in the target language.
- **Scaffolding Techniques:** Provide support through vocabulary lists, sentence starters, and graphic organizers to help students express complex ideas.

- **Use of Multimedia Resources:** Incorporate videos, podcasts, and interactive online platforms to enhance understanding and engagement.

4. Assessment and Feedback assessment and feedback are crucial for evaluating both content knowledge and language proficiency. Here's an overview of effective practices in assessment and feedback within a CLIL framework:

- **Formative Assessments:** Regularly assess students through quizzes, presentations, and peer feedback to monitor progress in both language and medical knowledge.

- **Reflective Practices:** Encourage students to reflect on their learning experiences and language use, promoting self-assessment and awareness of language development.

5. Technology Integration Integrating technology into Content and Language Integrated Learning (CLIL) enhances engagement and supports both content knowledge and language development.

- **E-Learning Platforms:** Utilize platforms like Moodle or Blackboard to provide access to resources, discussion forums, and assessment tools.

- **Language Learning Apps:** Recommend apps like Duolingo or Quizlet for additional language practice outside of class.

- **Virtual Simulations:** Use virtual patient encounters to practice language skills in realistic clinical scenarios.

6. Continuous Improvement involves regularly evaluating and refining practices to enhance both content knowledge and language proficiency. Here's how to implement a continuous improvement process in a CLIL context:

- **Feedback Loops:** Gather feedback from students regarding the effectiveness of the CLIL approach and make necessary adjustments to the curriculum.

- **Professional Development:** Encourage instructors to participate in training on CLIL methodologies and language teaching strategies.

Conclusion

This methodology emphasizes the integration of language and medical content through engaging, context-driven activities. By leveraging CLIL technologies, medical students can develop the necessary language skills to communicate effectively in their future practice. An effective learning environment where medical students can simultaneously develop their language skills and deepen their medical knowledge through an integrated approach.

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