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FLIPPED CLASSROOMS: INVERTING TRADITIONAL TEACHING METHODS

Abstract: *Flipped Classrooms represent a significant shift in teaching methodology, inverting the traditional educational model. This approach involves students learning new content at home, typically through videos or readings, and then applying this knowledge in the classroom through interactive activities. It emphasizes active, student-centered learning, fostering deeper understanding and critical thinking. Flipped Classrooms also allow for more individualized instruction and greater teacher-student interaction. Challenges include ensuring student access to resources outside class and adapting teaching strategies. Despite these, Flipped Classrooms have demonstrated effectiveness in enhancing student engagement and learning outcomes.*

Keywords *Flipped Classrooms, Active Learning, Student-Centered Learning, Interactive Activities, Individualized Instruction, Educational Technology, Blended Learning, Critical Thinking, Teacher-Student Interaction, Learning Engagement.*

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ПЕРЕВЕРНУТЫЕ КЛАССЫ: ПЕРЕВОРАЧИВАНИЕ ТРАДИЦИОННЫХ МЕТОДОВ ОБУЧЕНИЯ

Аннотация: *Перевернутые классы представляют собой значительный сдвиг в методологии преподавания, переворачивающий традиционную образовательную модель. Этот подход предполагает, что учащиеся изучают новый контент дома, как правило, с помощью видеороликов или*

чтений, а затем применяют эти знания в классе с помощью интерактивных мероприятий. В нем делается упор на активное обучение, ориентированное на учащихся, способствующее более глубокому пониманию и критическому мышлению. Перевернутые классы также обеспечивают более индивидуальное обучение и более тесное взаимодействие учителя и ученика. Проблемы включают обеспечение доступа учащихся к ресурсам вне класса и адаптацию стратегий преподавания. Несмотря на это, перевернутые классы продемонстрировали эффективность в повышении вовлеченности учащихся и результатов обучения.

Ключевые слова *Перевернутые классы, Активное обучение, Обучение, ориентированное на ученика, Интерактивные мероприятия, Индивидуализированное обучение, Образовательные технологии, Смешанное обучение, Критическое мышление, Взаимодействие учителя и ученика, Вовлеченность в процесс обучения.*

Flipped Classrooms invert the traditional educational model by having students first engage with new material outside of class, typically via online videos or readings, and then apply what they have learned in the classroom through problem-solving, discussions, and interactive activities. This approach shifts the focus from teacher-led lectures to a more student-centered format, where class time is dedicated to exploring topics in greater depth and applying concepts in collaborative settings. Flipped Classrooms leverage technology to facilitate learning and offer a more flexible, engaging, and personalized educational experience. This model has gained popularity for its potential to enhance student engagement and cater to diverse learning needs.

Conceptual Framework of Flipped Classrooms Exploring the theoretical underpinnings of Flipped Classrooms, including the shift from passive to active

learning and the role of technology in facilitating out-of-class learning. The transformation of the teacher's role from lecturer to facilitator is also discussed.

Implementing Flipped Classrooms Strategies for effectively implementing Flipped Classrooms, including creating or curating quality online materials, designing in-class activities that foster deeper understanding, and addressing diverse learning styles. The importance of student preparation and participation is emphasized.

Challenges and Solutions in Flipped Learning Identifying the challenges faced in Flipped Classrooms, such as ensuring student access to technology and online resources, maintaining student engagement, and adapting traditional assessment methods. Solutions to these challenges are explored.

Case Studies and Practical Examples Presenting case studies and examples from various educational levels and disciplines where Flipped Classrooms have been successfully implemented, illustrating the versatility and effectiveness of this approach.

Flipped Classrooms represent a significant evolution in teaching and learning practices. By inverting the traditional educational model, they promote a more active and student-centered learning environment. This approach has shown to enhance student engagement, understanding, and academic performance. While challenges exist in terms of resource accessibility and the need for adaptable teaching strategies, the Flipped Classroom model offers a promising path for educational innovation and improved learning outcomes.

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