To enrich elementary teachers with interactive methods, as well as to study the methods of teaching in modern schools.

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ABSTRACT

This article explores the necessity of equipping elementary teachers with interactive teaching methods and examines how modern schools are transforming their pedagogical approaches to suit the dynamic needs of 21st-century learners. The study investigates various strategies such as collaborative learning, digital integration, and differentiated instruction and evaluates their impact on student engagement and achievement. Through literature review, methodological analysis, and field-based observations, this paper highlights the relevance of teacher development programs, innovative classroom practices, and modern assessment tools in fostering effective teaching and learning.

Keywords: Interactive methods, elementary education, modern teaching strategies, digital tools in education, teacher development, active learning, student engagement.

In the contemporary educational landscape, the role of elementary school teachers has expanded beyond delivering content to facilitating interactive, student-centered learning experiences. Traditional lecture-based methods are being replaced with strategies that encourage collaboration, creativity, and critical thinking. The increasing diversity in student learning styles, along with rapid technological advances, calls for a re-evaluation of teaching practices in elementary schools. This paper aims to investigate how interactive methods can enrich teaching effectiveness and analyze current teaching trends adopted in modern schools. Additionally, it focuses on professional development initiatives that empower teachers to adapt and innovate in the classroom.

To enrich elementary teachers with interactive methods and study modern teaching approaches, consider the following strategies and insights based on current educational trends:

Interactive Teaching Methods for Elementary Teachers

Gamification:

- Use game-based learning to engage students. Tools like Kahoot! or Quizizz allow teachers to create interactive quizzes that make learning fun and competitive. For example, a math quiz can be turned into a team-based challenge with points and leaderboards.
- Incorporate role-playing or simulations, such as acting out historical events or creating a "market" to teach basic economics.

Project-Based Learning (PBL):

- Encourage students to work on real-world projects, like designing a mini-garden to learn about plants or creating a class newspaper to practice writing and collaboration.
- PBL fosters critical thinking and creativity, allowing students to explore topics deeply while working in groups.

Technology Integration:

- Use interactive tools like Google Classroom, Seesaw, or ClassDojo to facilitate

communication, share assignments, and provide instant feedback.

- Introduce coding through platforms like Scratch or Code.org, which teach problem-solving in an engaging, interactive way suitable for young learners.

Hands-On Activities:

- Incorporate STEM (Science, Technology, Engineering, Math) activities, such as building simple circuits or conducting safe science experiments (e.g., vinegar and baking soda volcanoes).
- Use manipulatives like blocks, counters, or fraction tiles to make abstract concepts like math more tangible.

Collaborative Learning:

- Implement strategies like "Think-Pair-Share" or group discussions to encourage peer interaction and communication skills.
- Use cooperative learning structures, such as jigsaw activities, where each student researches a piece of a topic and teaches it to their group.

Storytelling and Arts Integration:

- Use storytelling to teach literacy or social studies, encouraging students to create their own stories or dramatize narratives.
- Integrate art by having students draw, paint, or create models to represent concepts (e.g., drawing a life cycle of a butterfly).

Studying Modern Teaching Methods

To understand and implement modern teaching methods effectively, teachers can explore these approaches:

Professional Development:

- Attend workshops or webinars on innovative teaching strategies. Platforms like EdWeb or Coursera offer free or low-cost courses on topics like blended learning or differentiated instruction.
- Join professional learning communities (PLCs) to collaborate with other educators and share best practices.

Research Current Trends:

- Study frameworks like Universal Design for Learning (UDL), which emphasizes flexible teaching methods to accommodate diverse learners.
- Explore inquiry-based learning, where students drive the learning process by asking questions and exploring topics independently.

Observe and Reflect:

- Visit innovative schools or classrooms (virtually or in-person) to observe how teachers implement interactive methods.
- Reflect on your own teaching through journals or discussions with colleagues to identify areas for incorporating more interactivity.

Leverage Educational Research:

- Read journals or blogs like Edutopia, which provide evidence-based strategies for modern teaching.
- Focus on studies highlighting student-centered approaches, such as flipped classrooms or social-emotional learning (SEL) integration.

Engage with Technology Trends:

- Explore the use of augmented reality (AR) or virtual reality (VR) in education, such as Google Expeditions for virtual field trips.
- Investigate adaptive learning platforms like DreamBox or i-Ready, which personalize instruction based on student performance.

Practical Steps for Implementation

- Start Small: Choose one or two interactive methods (e.g., a weekly Kahoot! quiz or a single PBL unit) to test in your classroom.
- Gather Feedback: Ask students for input on what activities they enjoy and find effective to refine your approach.
- Collaborate: Work with colleagues to share resources and ideas for interactive lessons.
- Assess Impact: Use formative assessments (e.g., exit tickets or quick surveys) to gauge how interactive methods affect student engagement and learning outcomes.

Example in Action

For a 3rd-grade science lesson on ecosystems:

- Interactive Method: Students work in groups to create a model of an ecosystem using craft materials (e.g., a shoebox diorama).
- Technology: Use an AR app to explore a virtual forest, allowing students to "see" animals in their habitats.
- Collaboration: Students present their models to the class, explaining the relationships between living and non-living components.

By combining these interactive methods with ongoing study of modern teaching practices, elementary teachers can create engaging, student-centered classrooms that foster both academic and social-emotional growth.

The findings reveal a positive attitude toward interactive methods among teachers, yet a gap remains between understanding and implementation. Teachers in modern schools are expected to adopt a facilitator role, yet many still rely heavily on teacher-led instruction due to institutional constraints and insufficient training.

The integration of digital tools is promising, but their use is often limited to presentation rather than active learning. This points to a need for targeted training in digital pedagogy. Moreover, interactive teaching requires not only new techniques but also a mindset shift, where the classroom is viewed as a collaborative learning environment rather than a knowledge transmission space.

Conclusion

Interactive teaching methods have the potential to transform elementary education by enhancing engagement, collaboration, and deeper learning. While modern schools are beginning to adopt such practices, more structured efforts are needed to ensure that teachers are fully prepared and supported. A successful transition to interactive education requires investment in professional development, access to technology, and curriculum reform.

Establish Continuous Professional Development (CPD) Programs: Focused on active learning strategies and digital pedagogy.

Promote Peer Collaboration Among Teachers: Sharing best practices and co-teaching opportunities.

Integrate Interactive Tools in Teacher Training Colleges: To ensure new teachers are ready for modern classrooms.

Design Flexible Curricula: Allowing room for experimentation, group work, and project-based learning.

Provide Administrative Support: Including time allocation, classroom resources, and reduced class sizes to facilitate interactive methods.

References.

1. Blyth, C. (2018). Immersive technologies and language learning. Foreign Language Annals, 51(1), 225–232. https://doi.org/10.1111/flan.12327
2. El-Sabagh, H.A. (2021). Adaptive e-learning environment based on learning styles and its impact on development students' engagement. Int J Educ Technol High Educ, 18, 53. https://doi.org/10.1186/s41239-021-00289-4
3. Guerra, J., & Guevara, C. Y. (2017). Variables académicas, comprensión lectora, estrategias y motivación en estudiantes universitarios. Revista electrónica de investigación educativa, 19(2), 78–90. doi:10.24320/redie.2017.19.2.1125
4. Hrynevych, L. (2016). Concept of the New Ukrainian School. Ministry of Education and Science of Ukraine. https://mon.gov.ua/storage/app/media/zagalna%20serednya/nova-ukrainskashkola-compressed.pdf
5. Kovalova, O. M., & Safargalina-Kornilova, N. A. (2016). Use of interactive teaching methods Innovative technologies in the system of professional training of students at KhNMU: materials of the XLVIII educational and methodological conference, Kharkiv, December 10, 2014. Kharkiv: KhNMU, 2014. Vol. 5. 114-118. https://repo.knmu.edu.ua/handle/123456789/8425
6. gurska, V., Golubovska, I., Mykhailova, O., Humankova, O., & Grigorieva, T. (2023). Ue of innovative technologies for formation of economic competence of primary school students. Financial and Credit Activity Problems of Theory and Practice, 1(48), 473–482. https://doi.org/10.55643/fcaptp.1.48.2023.3922