

## THE TEACHER AS A DISPENSER OF KNOWLEDGE

*by:*

**Aileen S. Laluna**

*Teacher I, Tala Elementary School*

A teacher's job is fundamental as a knowledge facilitator in education. Knowledge transfer to students depends on teachers (Qiu-lin, 2023). Conventional teaching approaches may concentrate on knowledge transmission through lectures and rote memorizing, impairing students' critical thinking and knowledge retention (Cao & Hu, 2023). Through creative teaching strategies ("Optimization Design of Business English Teaching Course for International Business Majors," 2023), new teaching approaches seek to improve students' capacity to master professional knowledge and advance deeper understanding. Different teaching strategies and their effects on knowledge distribution in learning environments are investigated in this paper.

Knowledge transfer is highly influenced by the various teaching approaches used in education. Project-based learning helps students construct knowledge through significant activities ("Practical Exploration of the Construction of University Mathematics Curriculum Based on Project-Based Learning," 2023). In line with this, the flipped classroom concept stresses students' autonomous learning and knowledge absorption under teacher direction (Yu-jun, 2021). These methods turn the emphasis from passive knowledge acquisition to active learning and comprehension.

Furthermore, including technology in the classroom – virtual practice teaching and machine learning approaches – helps to improve knowledge retention and sharing (Qiu-lin, 2023; Krajčovič et al., 2021). Teachers can help learners grasp concepts better and participate using interactive learning environments and multimedia materials ("Application of PBL Combined with Multimedia Technology in Standardized Training

of Ophthalmic Residents," 2023). Furthermore, promoting social connection and efficient knowledge transfer includes peer tutoring and cooperative learning (Jelinek, 2019).

Humanistic quality teaching reforms stress the integration of value guidance with information transfer regarding curriculum design (Ma et al., 2023; Zhang et al., 2022). Moreover, transfer learning and genetic algorithms help maximize instructional management strategies, improving classroom interaction and long-term information retention (Lei, 2024).

Adopting creative teaching strategies changes how a teacher facilitates knowledge. Teachers can efficiently encourage deeper learning experiences and transmit knowledge by rejecting conventional didactic approaches and adopting student-centered, technologically advanced techniques. Meeting students' changing demands and improving the quality of education depend on ongoing research and the application of several instructional approaches.

## *References:*

Application of pbl combined with multimedia technology in standardized training of ophthalmic residents(2023). *Advances in Educational Technology and Psychology*, 7(14). <https://doi.org/10.23977/aetp.2023.071401>

Cao, Z. and Hu, L. (2023). Reform and practice of modern etiquette teaching based on first-class curriculum construction., 265-274. [https://doi.org/10.2991/978-94-6463-172-2\\_29](https://doi.org/10.2991/978-94-6463-172-2_29)

Jelinek, J. (2019). The effectiveness of peer tutoring in the field of teaching basic astronomical concepts among older preschoolers and younger pupils. a quantitative analysis. *Zeszyty Naukowe Wyższej Szkoły Humanitas W Sosnowcu Pedagogika*, 19, 145-158. <https://doi.org/10.5604/01.3001.0013.2214>

Krajčovič, M., Gabajová, G., Matys, M., Grznár, P., Dulina, L., & Kohár, R. (2021). 3d interactive learning environment as a tool for knowledge transfer and retention.

*Sustainability*, 13(14), 7916. <https://doi.org/10.3390/su13147916>

Lei, G. (2024). Optimization of instructional management strategies in universities based on genetic algorithms and transfer learning. <https://doi.org/10.4108/eai.24-11-2023.2343584>

Ma, Z., Cheng, Z., Gao, L., & Zhang, H. (2023). Humanistic quality teaching reform of material science. *SHS Web of Conferences*, 153, 01022.

<https://doi.org/10.1051/shsconf/202315301022>

Optimization design of business english teaching course for international business majors (2023). *Curriculum and Teaching Methodology*, 6(18).

<https://doi.org/10.23977/curtm.2023.061806>

Practical exploration of the construction of university mathematics curriculum based on project-based learning (2023). *Transactions on Comparative Education*, 5(7).

<https://doi.org/10.23977/trance.2023.050702>

Qiu-lin, D. (2023). A new method of teaching 'software operation' by a knowledge sharing oriented to practice teaching approach. *International Journal of Emerging Technologies in Learning (Ijet)*, 18(11), 158-174.

<https://doi.org/10.3991/ijet.v18i11.41081>

Yu-jun, Z. (2021). Application of flipped classroom model driven by big data and neural network in oral english teaching. *Wireless Communications and Mobile Computing*,

2021, 1-7. <https://doi.org/10.1155/2021/5828129>