



НАУЧНАЯ АРТЕЛЬ

АКАДЕМИЧЕСКОЕ ИЗДАТЕЛЬСТВО



ISSN (p) 2712-9489

ISSN (e) 2542-1026

№ 11/2025

**НАУЧНЫЙ ЖУРНАЛ
«COGNITIO RERUM»**

Москва
2025

ПЕДАГОГИКА

Agayev B., Rejepgulyyeva B., Ashyrova A. TEACHING ECONOMIC LITERACY: METHODS AND OBJECTIVES	76
Babayev A., Bayramgeldiyeva Sh. TEACHING MATH AND ECONOMICS: BRIDGING THEORY WITH REAL-WORLD APPLICATION	78
Bashimov H., Guljanova M., Annamammedova L. THE ART AND SCIENCE OF TEACHING: MODERN PEDAGOGICAL APPROACHES	79
Chayyrov A., Rejepgulyyeva B., Golayev J. MODERN TEACHING METHODS ACROSS EDUCATIONAL LEVELS	81
Nguyen Thi Dung A STUDY ON THE BENEFITS OF PICKLEBALL FOR THE PHYSICAL DEVELOPMENT OF STUDENTS AT HANOI ARCHITECTURAL UNIVERSITY	83
Tran Lan Huong APPLICATION OF DIGITAL TECHNOLOGY IN TECHNICAL AND TACTICAL TRAINING FOR STUDENTS AT HANOI UNIVERSITY OF MINING AND GEOLOGY (<i>Through the HUMG Basketball Team Model</i>)	85
Гурдов Н., Чарыев С., Гурбанова М., Пуррыева Б. МЕЖДУНАРОДНАЯ АКАДЕМИЯ КОНЕВОДСТВА ИМЕНИ АБА АННАЕВА – ИДЕАЛЬНАЯ ШКОЛА ДЛЯ НАУЧНОГО ОБРАЗОВАНИЯ АХАЛТЕКИНСКИХ КОНЕЙ	88
Хакимова К.А. УСЛОВИЯ ФОРМИРОВАНИЯ ОТКРЫТОГО ОБЩЕНИЯ В СЕМЬЕ	90

МЕДИЦИНА

Gurbanmyradova G., Gurbanmyradov A. FOSTERING A HEALTHY GENERATION	95
Агамырадов С. ЭПИДЕМИОЛОГИЧЕСКИЙ НАДЗОР ЗА ИНФЕКЦИОННЫМИ ЗАБОЛЕВАНИЯМИ: СОВРЕМЕННЫЕ ПОДХОДЫ И СТРАТЕГИИ	96
Акыева Г. ПРОФИЛАКТИКА ОРВИ И ЗНАЧЕНИЕ ВАКЦИНАЦИИ ПРОТИВ ГРИППА	99
Аннадов А. ТЕРАПИЯ КАК ФУНДАМЕНТ КЛИНИЧЕСКОЙ МЕДИЦИНЫ: СОВРЕМЕННЫЕ ПРИНЦИПЫ И ПОДХОДЫ	102
Аннамырадова М., Аннагелдиев Ш. ВОЕННАЯ ГИГИЕНА: ЗНАЧЕНИЕ, ЗАДАЧИ И ПРАКТИЧЕСКОЕ ПРИМЕНЕНИЕ	104
Аннанурова М. ОСНОВЫ ОРГАНИЗАЦИИ МЕДИЦИНСКОЙ РЕАБИЛИТАЦИИ В ПЕДИАТРИИ	106
Арашева Б.Р. ДЕЙСТВИЕ ЛЕКАРСТВЕННЫХ РАСТЕНИЙ НА ЗДОРОВЬЕ ЧЕЛОВЕКА	109

Recommendations

1. White, J. A., Thomas, C., et al. (2023). Pickleball and mental health in adults: A systematic review. *Frontiers in Psychology*. Retrieved from <https://www.frontiersin.org/articles/10.3389/fpsyg.2023.1137047/full>
2. Edwards, J. (2022). Five health benefits of pickleball. *Cleveland Clinic Health Essentials*. Retrieved from <https://health.clevelandclinic.org/is-pickleball-good-exercise>
3. AnyTime Fitness. (2022). The Power of Play – 6 Pickleball Health Benefits. Retrieved from <https://www.anytimefitness.com/blog/6-health-benefits-of-playing-pickleball>
4. Apple Heart and Movement Study. (2023). New Apple research highlights the health benefits of pickleball. *Apple Newsroom*. Retrieved from <https://www.apple.com/newsroom/2023/10/new-apple-research-highlights-the-health-benefits-of-pickleball>
5. Apriyanti, Y., Susilo, I., & Gusdernawati, A. (2023). Study of the implementation of the pickleball game in physical education learning. *Advances in Health and Exercise*. Retrieved from <https://www.turkishkinesiology.com/index.php/ahe/article/download/58/60>
6. Duke University Recreation & Physical Education. (2021). Health Benefits of Pickleball. Retrieved from <https://recreation.duke.edu/story/health-benefits-pickleball>
7. Casper, J. M., Bocarro, J. N., & Drake, N. R. (2023). Physical activity associated with older adult pickleball. *Recreational Sports Journal*. Retrieved from <https://news.ncsu.edu/2023/04/pickleball-helps-older-adults-stay-physically-active>

©Nguyen Thi Dung, 2025

Tran Lan Huong

Doctor

Hanoi University of Mining and Geology

APPLICATION OF DIGITAL TECHNOLOGY IN TECHNICAL AND TACTICAL TRAINING FOR STUDENTS AT HANOI UNIVERSITY OF MINING AND GEOLOGY *(Through the HUMG Basketball Team Model)*

1. Introduction

In technical education environments, sports activities play a vital role in developing physical fitness, reflexive thinking, and teamwork — essential qualities for future engineers. Over the years, Hanoi University of Mining and Geology (HUMG) has fostered an active sports culture, promoting a dynamic, creative, and cohesive learning atmosphere. Among its sports activities, basketball stands out as a favorite, sustained across student generations.

The rapid development of digital technology has opened new possibilities for innovation in sports training — from athlete data management and motion analysis to tactical simulation. The integration of digital technology not only enhances training efficiency but also encourages students to actively and scientifically develop their physical abilities, aligning with the digital transformation trend in higher education.

2. Research Objectives

This study aims to develop a digital-technology-based model for technical and tactical basketball training among HUMG students, integrating the following components: