



MATEMATIK TASAVVURLARNI SHAKLLANTIRISH FANINI O'QITISHDA INNOVATSION USULLARI

Toshmatova Zamiraxon Jumanovna

Qo'qon davlat pedagogika instituti o'qituvchisi

Tursunaliyeva Shaxlo

Qo'qon davlat pedagogika instituti talabasi

Annotatsiya. Ushbu maqolada matematik tasavvurlarni shakllantirish fanini o'qitishda innovatsion usullardan foydalanish hamda maktabgacha yoshdagi bolalarni matematik tasavvurlarini shakllantirish va rivojlantirish masalalari tahlil etilgan.

Kalit so'zlar: maktabgacha ta'lim, elementar matematika, rivojlanish, ta'lim tarbiya.

INNOVATIVE METHODS OF TEACHING THE SUBJECT OF THE FORMATION OF MATHEMATICAL REPRESENTATIONS

Tashmatova Zamirakhon Jumanovna

Teacher of the Kokand State Pedagogical Institute

Tursunaliyeva Shahlo

Student of the Kokand State Pedagogical Institute

Annotation. This article analyzes the use of innovative methods in teaching the science of the formation of mathematical representations, as well as the issues of the formation and development of mathematical representations of preschool children.

Keywords: preschool education, elementary mathematics, development, educational education.

ИННОВАЦИОННЫЕ МЕТОДЫ ФОРМИРОВАНИЯ МАТЕМАТИЧЕСКИХ ПРЕДСТАВЛЕНИЙ В ОБУЧЕНИИ ЕСТЕСТВОЗНАНИЮ

Ташматова Замирахон Жумановна

Преподаватель Кокандского государственного педагогического института

Турсуналиева Шахло

Студентка Кокандского государственного педагогического института



Аннотация. В данной статье анализируются вопросы использования инновационных методов в обучении предмету математическому воображению, а также вопросы формирования и развития математического воображения дошкольников.

Ключевые слова: дошкольное образование, элементарная математика, развитие, воспитание.

Maktabgacha ta'lim yoshdagi bolalarni sog'lom va barkamol qilib tarbiyalashda jismoniy jihatdan tarbiyalash muhim ahamiyatga egadir. Bolalarni jismoniy jihatdan tarbiyalash ta'lim tarbiya tizimida alohida o'ringa ega bo'lib, u bolani sihat- salomatlikka, to'g'ri jismoniy rivojlanishiga, yuksak madaniyatga maktabgacha ta'lim tizimida beriladigan bilimlarni chuqur o'zlashtirishga zamin tayyorlaydi.

Maktabgacha ta'limda jismoniy mashqlarning asosiy mazmuni badan tarbiya, harakatli o'yinlar va sport o'yinlari, sport mashqlari, oddiy turizmdir.. Ma'lumki, bolalar jismoniy tarbiya mashqlari, o'yinlarni bajaranda 1,2,3,4,5,6,7,8,9,10 gacha sanash, yaqin, uzoq, baland, past, chamalash, doira, aylana, to'g'ri chiziq, to'g'ri turish, uchburchak, to'rtburchak, kabi so'zlarni eshitadi va so'zlaydi, bu so'zlar maktabgacha yoshdagi bolalarga elementar matematik tasavvurlarini shakllantirishda ham ishlatiladi. Demak, maktabgacha ta'lim muassasalarida kichik, o'rta, katta va tayyorlov guruhlarida o'rgatiladigan elementar matematika tasavvurlarini shakllantirish bo'yicha na'munaviy dasturda berilgan elementar matematik bilimlarni bolalarga o'rgatish jarayonini bilim va ko'nikmalarini samarali bo'lishini, bolalar ongida yanada mustahkam bo'lishini ta'minlashda, o'yinlarni bajarish davomida quyidagi elementar matematik tasavvurlarni: son, sanoq, to'plam haqida, miqdor, shakl, miqdorviy tasavvur, vaqt haqida olgan bilim va ko'nikmalarini mustahkamlash hozirgi kunda dolzarb va ahamiyatga molik bo'lib, maktabgacha ta'limda fanlar aro aloqadorlik bolalarni u yoki bu fandan olgan bilimlarini samaradorligini oshirishga xizmat qiladi. Maktabgacha ta'lim muassasalarida elementar matematik tasavvurlarni rivojlantirish bo'yicha umum metodik nazariy asoslari namunaviy dasturlari yaratilgan bo'lib, bu masala bo'yicha ko'plab tadqiqotlar olib borilmoqda.

Maktabgacha tayyorlov guruhida bolalarda ba'zi bir yashirin muhim matematik aloqalarni, munosabatlarni, "teng", "katta", "kichik", "butun va bo'lak" kattaliklar orasidagi bog'lanishlarni, o'lchov kattaliklari bilan son o'rtasidagi bog'lanishlarni aniqlay bilish ko'nikmasini rivojlantirishga alohida e'tibor beriladi. Maktabgacha tarbiya yoshidagi bolalarning matematik tasavvurini shakllantirish mantiqiy tafakkurining yangi bosqichga ko'tarilishiga va ularning umuman aqliy faoliyati rivojlanishi uchun zamin yaratadi. Bolalarni ko'z bilan hamda ichida sanashga o'rgatib boriladi. Ularning ko'z bilan chamalash, shaklni tezda farq qila bilish qobiliyati rivojlanadi.



Bu yoshda aqliy qobiliyatni, mustaqil fikr yuritishni, analiz, sintez, taqqoslash kabi jihatlarini, muhokama qilish, xulosa chiqarish qobiliyatini, miqdorviy tasavvurni rivojlantirish ham katta ahamiyatga ega. Maktabgacha tayyorlov guruhining elementar matematik tasavvurini rivojlantirish bo'yicha dasturi bolalarning oldingi guruhlarda olgan bilimlarini umumlashtirish, bir tizimga keltirish, kengaytirish va chuqurlashtirishni nazarda tutadi.

Maktabga tayyorlov guruhida matematika bo'yicha haftasiga 2 ta mashg'ulot, yil davomida 72 ta mashg'ulot o'tkaziladi.

Mashg'ulotlarning davom etish muddati: birinchisi – 30 daqiqa, ikkinchisi – 20- 25 daqiqa.

Har bir mashg'ulot tuzilishi uning mazmuni bilan aniqlanadi. U yangi materialni o'rganish, o'tilganlarni takrorlash va mustahkamlash, bolalarning egallagan bilimlarini tekshirishga xizmat qiladi. Tayyorlov guruhida o'tkaziladigan matematik mashg'ulotda didaktik ko'rsatma materiallaridan keng foydalanilishi xarakterlidir. Amaliy ishlar, ko'rgazma tashkil qilish bilan bog'liq bo'lgan topshiriqlar ham namuna sifatida qaralishi mumkin. Pedagog – tarbiyachi ularga o'zida bo'lgan ko'rsatma-qo'llanmalarni hisobga olib tuzatishlar kiritishi mumkin.

Bolalarga matematikadan ta'lim berish va maktabgacha ta'limdagi o'quv-tarbiya jarayonini takomillashtirishning maqsadlaridan biri — bu bolalarda matematik tushunchalarni rivojlantirishdir.

Bolalardagi matematik bilim hayotdan ajralmagan holda dunyoni chuqurroq, to'laroq o'rganishga imkon yaratadi. Matematik masalalarni yechish jarayoni o'zining mohiyati bo'yicha mustaqil fikrlashni talab qiladi, matonat shakllanadi, ijodiy qobiliyatlar rivojlanadi. Matematik tushunchalarni rivojlantirish darajasi turli insonlarda turlicha bo'ladi. Uning shakllanishi doimiy mashq qilishni talab qiladi. Bu mashqlar oila va maktabgacha ta'limdan boshlanadi. Oilada ota-ona bo'lsa, maktabgacha ta'limda albatta tarbiyachi-pedagog bo'ladi.

Shuning uchun har bir pedagog bolaga matematik tasavvurlarni shakillantirar ekan, pedagogikaning nazariyasi va o'qitishning zamonaviy pedagogik texnologiyalari (interfaol metodlar, individual yondashish, mustaqil shig'ullanishga o'rgatis va hk) hamda milliy istiqloq g'oyalari bilan qurollangan bo'lishlari kerak. Nazariy jihatdan to'la asoslangan zamonaviy pedagogik texnologiyalarni va zamonaviy axborot texnologiyalarni bugungi kunda ta'lim jarayoniga qo'llash eng dolzarb masalaga aylangan.

Foydalangan adabiyotlar:



78. Zamiraxon, Toshmatova. "FOREIGN EXPERIENCE IN TEACHING THE SUBJECT OF FORMATION OF MATHEMATICAL IMAGINATION IN HIGHER EDUCATIONAL INSTITUTIONS AND THEIR IMPLEMENTATION." *Yosh Tadqiqotchi Jurnal* 1.5 (2022): 435-442

79. Jumanovna, Toshmatova Zamira. "ORGANIZATIONAL AND PEDAGOGICAL CHARACTERISTICS OF PRESCHOOL EDUCATION SYSTEM ABROAD." *Galaxy International Interdisciplinary Research Journal* 10.11 (2022): 538-541.

80. Jumanovna, Toshmatova Zamira. "FEATURES OF MATHEMATICAL DEVELOPMENT IN PRESCHOOL CHILDREN." *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH* ISSN: 2277-3630 Impact factor: 7.429 11.07 (2022): 117-119.

81. Toshmatova, Zamiraxon Jumanovna. "Interaction of kindergarten and family in modern conditions." *ASIAN JOURNAL OF MULTIDIMENSIONAL RESEARCH* 10.4 (2021): 853-860.

82. Jumanovna, Toshmatova Zamira. "FORMATION OF A SCIENTIFIC WORLDVIEW IN CHILDREN OF PRESCHOOL AGE (ON THE EXAMPLE OF EXACT SCIENCES)." *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH* ISSN: 2277-3630 Impact factor: 7.429 11.11 (2022): 501-504.

83. Sabirovna, R. S. (2022). PROBLEMS OF INCREASING PROFESSIONAL COMPETENCE IN SHAPING MUSIC TEACHERS. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH* ISSN: 2277-3630 Impact factor: 7.429, 11(03), 84-89.

84. Rastmanesh, R., Osato, M., Pathak, S., Banerjee, A., Rasulova, S., & Marotta, F. (2021). Aging in HIV: Can natural compounds beneficially affect its higher progression?. *Functional Food Science*, 1(11), 82-85.

85. Расулова, С. С. (2021). МУЗЫКАЛЬНО-РИТМИЧЕСКАЯ ДЕЯТЕЛЬНОСТЬ ШКОЛЬНИКОВ В КОНТЕКСТЕ ШКОЛЬНОГО ОБУЧЕНИЯ. In *ТРАДИЦИИ И ИННОВАЦИИ В НАЦИОНАЛЬНЫХ СИСТЕМАХ ОБРАЗОВАНИЯ* (pp. 132-134).

86. Marotta, F., Lorenzetti, A., Rasulova, S., Balakrishnan, B., & Cabeca, A. (2021). Do we really need nutraceutical liver support. Experimental effectiveness, risks and proven clinical benefits. *Open J Hepatol*, 3(1), 001-004.

87. Rasulova, S. S., & Tillahojayev, O. T. (2021). PECULIARITIES OF TRAINING MUSIC TEACHERS FOR INNOVATIVE EDUCATIONAL ACTIVITIES. *Academic research in educational sciences*, 2(Special Issue 4), 14-17.

88. Abdurashidov, A. A., Ortiqov, B. B., Qadirov, N. X., & Abdirashidov, A. (2018). Exact solution of nonlinear equations Burgers-Huxley, Korteweg-de Vries-Burgers and Klein-Gordon using the modified simple equation method. *International Scientific Journal «Theoretical & Applied Science*, (3), 101-107.

89. Abdurashidov, A. A. (2019). Methodology of formation skills of entrepreneurship among students through the national crafts. *European Journal of Research and Reflection in Educational Sciences-Great Britain*, 7(7), 41.

90. Abdurashidov, A. (2020). Pedagogical Technology Used To Determine And Increase The Effectiveness Of Development Of Entrepreneurship In Students Through National Crafts. *PalArch's Journal of Archaeology of Egypt/Egyptology*, 17(7), 13658-13664.



91. Abdurashidov, A. (2020). DEVELOPMENT OF ENTREPRENEURSHIP IN STUDENTS THROUGH NATIONAL CRAFTS, TAKING ADVANTAGE OF PEDAGOGICAL FACILITIES. *Journal of Critical Reviews*, 7(7), 1573-1576.

92. Abdurashidov AA, qizi Yunusova MM. THE IMPORTANCE OF ORGANIZING CHILDREN'S ACTIVITIES IN PREPARATION FOR SCHOOLING. *Results of National Scientific Research International Journal*. 2022 Dec 1;1(9):106-11.

93. Guzal, N. (2022). PEDAGOGICAL-PSYCHOLOGICAL FEATURES OF THE FORMATION OF SOCIAL CONSCIOUSNESS IN PRESCHOOL-ADULT CHILDREN. *Yosh Tadqiqotchi Jurnali*, 1(5), 47-51.

94. Nazirova, G. M., & qizi Gulomova, D. D. (2022). CONTENT AND PEDAGOGICAL CONDITIONS OF DEVELOPMENT OF PROFESSIONAL COMPETENCE OF PEDAGOGUES-EDUCATORS OF PRESCHOOL EDUCATIONAL ORGANIZATIONS. *International Academic Research Journal Impact Factor 7.4*, 1(6), 119-127.

95. Malikovna, N. G. (2022). CONTENT AND PEDAGOGICAL CONDITIONS FOR THE DEVELOPMENT OF PROFESSIONAL COMPETENCE OF TEACHERS AND EDUCATORS OF PRESCHOOL EDUCATIONAL ORGANIZATIONS. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429*, 11(11), 511-517.

96. Mutalibovna, A. M. INNOVATIVE APPROACH TO MODERN YOUTH EDUCATION.

97. Aminova, M. M. (2022). FAMILY-EDUCATIONAL PLACE. *ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW ISSN: 2319-2836 Impact Factor: 7.603*, 11(12), 83-88.

98. Mutalibovna, A. M. (2022). Causes Of Family Divorce And Issues Of Its Elimination. *Journal of Positive School Psychology*, 6(11), 1565-1572.

99. Mutalibovna, A. M. (2022). THE ANTI-CORRUPTION STRUGGLE OF UZBEKISTAN AND THE IMPORTANCE OF ITS IMPROVEMENT. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429*, 11(09), 238-242.

100. Аминова, М. М. (2022). ИБН ХОЛДУН ИЛМИЙ МЕРОСИНИНГ ЗАМОНАВИЙ АҲАМИЯТИ. ВЗГЛЯД В ПРОШЛОЕ, (SI-3).

101. Рузикулова, М. Ю. (2022). МАРКАЗИЙ ФАРҒОНА ЧЎЛЛАРИНИНГ ЎЗЛАШТИРИЛИШИ ТАРИХИ. ВЗГЛЯД В ПРОШЛОЕ, 5(6).

102. Рузикулова, М. Ю. (2020). МАРКАЗИЙ ФАРҒОНАДА СУҒОРИШ ИНШОТЛАРИ ВА ДАВЛАТ ХЎЖАЛИКЛАРИНИНГ ТАШКИЛ ЭТИЛИШИ ТАРИХИ (XX асрнинг 50-70-йиллари мисолида). ВЗГЛЯД В ПРОШЛОЕ, 3(7).

103. РУЗИКУЛОВА, М. Ю., & ЯКУБОВ, М. Г. У. (2015). Виртуальные музеи: понятие и смысл. In *БУДУЩЕЕ НАУКИ-2015* (pp. 300-402).

104. Рузикулова, М. Ю. (2019). ФАРҒОНА ВОДИЙСИДА ИРРИГАЦИЯ КАДРЛАРИ ТАЙЁРЛАШ БОРАСИДАГИ МУАММОЛАР (1950-1970 йй.). ВЗГЛЯД В ПРОШЛОЕ, (17).

105. Ruzikulova, M. Y. (2019). PROBLEMS IN THE PREPARATION OF IRRIGATION PERSONNELS IN THE FERGHANA VALLEY (1950-1970). *Ўтмишга назар журналы*, 17(3).



106. Ruzikulova, M. Y. (2019). PREPARATION OF SPECIALISTS FOR FERGANA VALLEY'S IRRIGATION SYSTEM AND ITS ISSUES (50-70 th of the 20 th century). Spirit Time, (5-1), 3-5.
107. Рузикулова, М. Ю. (2018). ПРОЦЕССЫ ОСВОЕНИЕ И ОРОШЕНИЕ ЦЕЛИННЫХ ЗЕМЕЛЬ В ЦЕНТРАЛЬНОЙ ФЕРГАНЫ (1950-1970). Theoretical & Applied Science, (10), 290-292.
108. Рузикулова, М. Ю. (2017). Глобаллашув даврда фан ва таълимнинг долзарб масалалари. Молодой ученый, (4-2), 44-47.
109. Ruzikulova, M. (2020). The history of irrigation in central Ferghana (1950-1970). Scientific research results in pandemic conditions (COVID-19), 1(02), 117-121.
110. Ruzikulova, M. (2021, June). FROM THE HISTORY OF HYDROTECHNICAL CONSTRUCTIONS OF THE FERGHANA VALLEY (On the example of the 50s and 70s of the XX century). In Конференции.
111. Yusupova, G. T. (2022). THE STATE OF AGRICULTURE IN THE FERGANA ECONOMIC REGION IN THE 50S-80S OF THE XX TH CENTURY. EPRA International Journal of Research and Development (IJRD), 7(12), 154-157.
112. Yusupova, G. T. (2022). SOME COMMENTS ON THE HISTORY OF THE DEVELOPMENT OF THE CHEMICAL INDUSTRY IN UZBEKISTAN. CURRENT RESEARCH JOURNAL OF HISTORY, 3(05), 34-41.
113. Tuhtamurodova, Y. G. (2021). CENTRAL ASIAN ECONOMIC REGION AND THE ROLE OF UZBEKISTAN IN IT. CURRENT RESEARCH JOURNAL OF HISTORY (2767-472X), 2(12), 42-46.
114. Юсупова, Г. (2021). ФАРҒОНА ИҚТИСОДИЙ РАЙОНИ ВА УНИНГ ХУСУСИЯТЛАРИ (XX асрнинг 60-70 йиллари мисолида). ВЗГЛЯД В ПРОШЛОЕ, (SI-2).
115. Tuhtamurodovna, Y. G. (2020, December). From The History Of The Fergana Economic Region. In International Scientific and Current Research Conferences (pp. 157-160).
116. Юсупова, Г. Т. (2020). РОЛЬ ФЕРГАНСКОГО ЭКОНОМИЧЕСКОГО РАЙОНА В НАРОДНОМ ХОЗЯЙСТВЕ УЗБЕКИСТАНА (НА ПРИМЕРЕ 50-70 ГОДОВ XX-ГО ВЕКА). In НАУКА И ТЕХНИКА. МИРОВЫЕ ИССЛЕДОВАНИЯ (pp. 284-287).
117. Юсупова, Г. (2020). Ферганский экономический район регион с высокоразвитым хлопководством, шелководством и садоводством: история и современность. Общество и инновации, 1(1/S), 548-553.
118. Юсупова, Г. Т. ОПРЕДЕЛЕНИЕ КРИТИЧЕСКИХ КОНТРОЛЬНЫХ ТОЧЕК ПРИ ПРОИЗВОДСТВЕ ПРОДУКЦИИ ИЗ КОЗЬЕГО МОЛОКА В ТОО «ПЛЕМЕННОЕ ХОЗЯЙСТВО «ЗЕРЕНДА».
119. Yuldashev, E. (2021, December). Secondary School Students Independent Education. In INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY RESEARCH AND INNOVATIVE TECHNOLOGIES (Vol. 2, pp. 226-230).
120. Yuldashev, E. S. (2022). Students' Learning Activity: Formation of Positive Sustainable Motivation. Middle European Scientific Bulletin, 22, 257-260.
121. Sadigovich, Y. E. (2022). FORMATION OF A POSITIVE STABLE MOTIVATION OF STUDENTS FOR EDUCATIONAL ACTIVITIES.



INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429, 11(11), 68-74.

122. Elyorjon, Y. (2022). DEVELOPMENT OF SUGGESTIVE ABILITIES IN FUTURE TEACHERS ON THE BASIS OF A PERSON-ORIENTED APPROACH. Web of Scientist: International Scientific Research Journal, 3(11), 353-359.

123. Yuldashev, E. (2022). DEVELOPMENT OF SUGGESTIVE MOTIVATION FOR PUPILS' EDUCATIONAL ACTIVITIES. Science and Innovation, 1(3), 667-672.

124. Юлдашев, Э. С. (2022). ЎҚУВЧИЛАРНИНГ ЎҚУВ ФАОЛИЯТИ УЧУН СУГГЕСТИВ МОТИВАЦИЯСИНИ РИВОЖЛАНТИРИШ. Science and innovation, 1(В3), 667-672.

125. Dilorom, Y. (2022). COGNITIVE GRAMMAR AND ITS SIMILARITIES AND DIFFERENCES IN ENGLISH AND UZBEK LANGUAGES. ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW ISSN: 2319-2836 Impact Factor: 7.603, 11(12), 223-229.

126. Dilorom, Y. (2022). FUNCTIONAL NATURE OF CONCEPTUAL OCCURRENCE OF SUBJECT CATEGORY IN ENGLISH. INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429, 11(09), 398-401.

127. Yuldasheva, D. A. (2021). SOME ESSENTIAL TRENDS IN TEACHING SECOND LANGUAGE VOCABULARY. Academic research in educational sciences, 2(6), 782-786.

128. Makhkamovna, I. A. (2021). The Family as an Important Factor in the Formation of Adolescent Characteristics. European Journal of Research Development and Sustainability, 2(2), 34-36.

129. Mahkamovna, I. A. (2022). MEDIA PEDAGOGY-A SEPARATE AREA OF PEDAGOGY. ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW ISSN: 2319-2836 Impact Factor: 7.603, 11(11), 66-70.

130. Mahkamovna, I. A. (2022). STAGES OF REJECTION OF INNOVATIVE PROCESSES IN EDUCATION. ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW ISSN: 2319-2836 Impact Factor: 7.603, 11(11), 74-76.

131. Исакова, А. М., & Шакирова, Ю. А. (2020). САМОПОНИМАНИЕ РЕБЕНКА В СИСТЕМЕ СЕМЕЙНЫХ ОТНОШЕНИЙ. Интернаука, (19-2), 42-44.

132. Odiljonovich, H. E. (2022). The Issue Of Business Terms Used In English. Journal of Positive School Psychology, 6(11), 3075-3081.

133. Odiljonovich, H. E. (2022). A STUDY OF ADOPTED BUSINESS TERMS FROM ENGLISH INTO THE UZBEK LANGUAGE. INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429, 11(12), 401-403.

134. Odiljonovich, H. E. (2022). SOME ISSUES OF BUSINESS TERMS BORROWED FROM ENGLISH. INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429, 11(09), 372-375.

135. Sh, J. M. (2022). FORMING THE CHILD'S PERSONALITY IN THE PROCESS OF ACQUIRING MUSICAL KNOWLEDGE. Web of Scientist: International Scientific Research Journal, 3(11), 128-132.



136. DJUMABOEVA, M. FORECASTING IN THE FIELD OF MUSIC EDUCATION: GOALS, OBJECTIVES, FUNCTIONS," TECHNOLOGICAL" APPROACHES. ЭКОНОМИКА, 190-193.
137. Ergashev, M., & Moxizarxon, M. (2022). THE CONCEPT OF THE LONDON SCHOOL OF LINGUISTIC. BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIIY JURNALI, 2(11), 110-113.
138. Эргашев, М. Р. (2019). СИЁСИЙ ДИСКУРС ҲАҚИДА АЙРИМ МУЛОҲАЗАЛАР. Интернаука, (29), 55-57.
139. Ergashev, M. R. (2019). THE ROLE OF LINKING VERBS IN EXPRESSING PREDICATIVITY IN THE SENTENCE. Scientific Bulletin of Namangan State University, 1(6), 297-302.
140. Ergashev, M. R. (2019). THE FUNCTIONAL ASPECTS OF ENGLISH LINKING VERBS. Экономика и социум, (6), 26-29.
141. Эргашев, М. Р. (2012). ПРИМЕНЕНИЕ ТЕОРИИ ПОЛЯ ПРИ АНАЛИЗЕ СЕМАНТИКИ ГЛАГОЛА-СВЯЗКИ. Вопросы филологических наук, (6), 50-53.
142. Makhkamova, Z., & Ergashev, M. (2022). Ways and Techniques of Reaching Success With Slow Learners. Central Asian Journal of Literature, Philosophy and Culture, 3(6), 85-86.
143. Bakhromova, A., & Ergashev, M. (2022). Suggestopedia As an Important Method of Teaching Vocabulary. Central Asian Journal of Literature, Philosophy and Culture, 3(6), 91-93.
144. Ergashev, M., & Nargizaxon, H. (2022). METAPHOR AS A STRATEGIC MEAN OF OBJECTIFYING AND ELEVATING THE IMPORTANCE OF DISCOURSE. BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIIY JURNALI, 2(11), 102-104.
145. Rakhmonovich, E. M., Elyorjon, I., & Sanjarbek, A. (2022). Terminology As An Informative Part Of The Language. Journal of Positive School Psychology, 6(11), 1591-1594.
146. Ro'zmatov, I. E. (2022). BOSQON ULOQTIRISH MASHG'ULOTLARIDA MAXSUS MASHQLARNI AHAMIYATI. YOUTH, SCIENCE, EDUCATION: TOPICAL ISSUES, ACHIEVEMENTS AND INNOVATIONS, 1(7), 10-16.
147. Rozmatov, I. E. (2022). BOSQUE THROWERS SPORT MANY YEARS OF WORK PROCEDURE FOR PLANNING.(On the example of athletes aged 14-16). INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429, 11(10), 354-359.
148. Rozmatov, I. E. (2021). The Development Mechanism of Hammer Throwers Technique. Middle European Scientific Bulletin, 19, 158-162.
149. Erkuzievich, I. R. (2022). THE IMPORTANCE OF THE METHODS USED IN THE DEVELOPMENT OF PHYSICAL QUALITY OF BEHAVIOR OF INVADING ATHLETES CARRYING OUT HARD WORK. ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW ISSN: 2319-2836 Impact Factor: 7.603, 11(12), 325-330.
150. Ro'zmatov, I. E. (2022). BOSQON ULOQTIRUVCHILARNI MASHG'ULOT JARAYONIDA KUCH JISMONIY SIFATINI RIVOJLANTIRISHNING O'ZIGA XOS AHAMIYATI. YOUTH, SCIENCE, EDUCATION: TOPICAL ISSUES, ACHIEVEMENTS AND INNOVATIONS, 1(7), 17-22.



151. Абдуллаев, Р. А. (2022). Таълим Тизимида Инновацион Технологиялардан Фойдаланишнинг Аҳамияти. *Miasto Przyszłości*, 29, 338-340.
152. Абдуллаев, Р. А. (2022). Ҳозирги Давр Ёшлар Тарбиясига Инновацион Ёндошув. *Miasto Przyszłości*, 29, 351-354.
153. Uzbek, S. The Uzbeks are the nobles of the Turkic peoples, and the Sarts are the entrepreneurs of Central Asia (Part 1): Rustamjon Abdullayev. Origin of Uzbeks The Uzbeks are the nobles of the Turkic peoples, and the Sarts are the entrepreneurs of Central Asia (Part 1): Rustamjon Abdullayev. Origin of Uzbeks.
154. Uzbek, S. Uzbeks are noblemen of the Turkic peoples, and Sarts are entrepreneurs of Central Asia (part 1): Rustamzhon Abdullaev. What is the religion here? Uzbekistan, its spiritual traditions and history.