# DIDACTIC FOUNDATIONS OF COGNITIVE ACTIVITY AND ITS DEVELOPMENT IN STUDENTS

#### Ahmedova Mastura Mahmudovna

Teacher of Kokand State Pedagogical Institute named after Muqimi

**Abstract.** This article focuses on the nature of the cognitive process, the levels of the cognitive process, methods, means, types of training, the issues of enhancing the cognitive activity of students and improving the effectiveness of training.

**Key words:** cognitive activity, empirical, theoretical, abstraction, induction, idealization, analogy, comparison.

The issue of activating the cognitive activity of students and increasing the effectiveness of training is considered one of the main problems of academic disciplines. Activating the cognitive activity of students is understood as a conscious need for students to master a high level of motivation, knowledge and skills, a high level of result and the emergence of behavior corresponding to social norms.

Cognition is a type of mental, spiritual activity aimed at generating knowledge about nature, society and oneself. A person cannot successfully engage in any type of activity without having knowledge and an idea of the surrounding environment in which he is surrounded. The product of knowledge, the result of which is science, and the acquisition of knowledge in the acquisition of any specialist, profession is considered important. There are two levels of scientific knowledge, which constitute the empirical and theoretical levels.

Empirical knowledge is mainly obtained as a result of experimentation and is based on observation and experimentation. On the basis of experimental data, schemes and diagrams are drawn up, conclusions and hypotheses are developed, the relationship between the newly obtained data is determined. At the empirical level of cognition, methods in Qu are widely used:

Observation is a way of sensory cognition of things and phenomena in reality, aimed at a specific goal. Observation is carried out directly (without instruments) or indirectly (with instruments). In the process of observation, the subject perceives and identifies the quantitative and qualitative aspects of the object.

Measurement is a way of determining the quantitative description of a thing in the process of cognition. Measurement is usually carried out through the way in which the studied subject is compared with any other subject with clearly recorded characteristics and signs. Through the measurement method, it is possible to determine the properties of objects, for example, their strength, complexity and other aspects.

Comparison is a method that is applied in cognitive activity, forming a special stage in the formation, development of knowledge. Comparison is a way of studying the different and similar aspects of things and phenomena from another thing or event, as well as their relationships.

An experiment is a method of cognition of a higher level than observation, which helps to influence, assimilate, enrich knowledge of an object by applying the appropriate experimental devices to the object. In order for the researcher to study the sides of the object of interest to him through the method of experimentation, he actively influences it, creates artificial conditions for this, carries out verification under these conditions, collects data.

The theoretical level of cognition is a higher stage of generalization and idealization, reflecting the objective being with all its internal connections and laws, focusing on revealing the essence of the object under study.

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The levels of cognition can be conditionally divided into: lower, higher and higher. The lower level of cognition is characteristic of all living things and is called emotional cognition. Emotional cognition is cognition through the senses. The upper stage of cognition is inherent only in humans, it is called mental cognition (rational cognition). If a person, with the help of his senses, knows only the external features and properties of things and phenomena, then by the means of thinking he will know the inner essence of things and phenomena. Knowing through mental knowledge or thinking does not negate emotional knowledge, but through generalization, analysis, synthesis, abstraction of knowledge acquired through the senses, concepts are created from newly formed knowledge. Mental cognition requires confirmation or denial of the signs and characteristics inherent in things and phenomena. This ability to affirm or deny that is characteristic of thinking is called judgment. Conclusion-one of the important tools of mental cognition, a way to generate new knowledge. Inference can also be inductive and deductive, that is, by going from general to exceptional. At the theoretical level of scientific knowledge, methods in Qu are widely used:

Abstraction is a way of knowing the important properties, relationships, stages of development of objects in a particular relationship by thought. The abstraction method includes analysis and synthesis tools.

In analysis, what is being studied and the phenomenon is divided into small fragments, that is, parts, and the connections between them are studied by the relationship and influence.

Synthesis, relying on the results of analysis, studies one whole quality of things and phenomena. Induction is a method of cognition that is used to draw general conclusions from certain types of thinking. With this method, privacy is studied and commonality is learned. The induction method

also serves as a way to check the causal bonds of things and phenomena.

Deduction is a logical method leading from general to private. Theories in science arise as a result of the deductive method. This method is mainly used to study, systematize them in depth as a result of the collection of evidential information.

Anology is a method of studying the similarity of the properties of something and phenomena (compatibility, nausea, similarity). With this method, similar properties of two subjects are studied. Idealization is a method of embedding an object in the process of cognition. In this method, the real object is replaced by an ideal object.

Cognitive activity in students does not always arise, but only due to the purposeful pedagogical influence of the teacher and the skill of organizing a favorable pedagogical and psychological environment. It will depend on the pedagogical technologies used by the teacher to provide a purposeful impact and create a favorable socio-psychological environment in teaching biology. Any technology developed in didactics serves to activate the cognitive activity of students and increase the effectiveness of education, but in the following technologies this issue occupies the main idea:

- 1. Didactic game technologies.
- 2. Problem learning technologies.
- 3. Modular educational technologies.
- 4. Collaborative teaching technology.
- 5. Design technology.

In combination with the fact that technologies that allow students to activate cognitive activity and increase educational efficiency have their own characteristics, in the educational process they perform such functions as educational, developmental, educational, creative activity, communicative, logical thinking, the formation of methods of mental activity, analysis of their activities, orientation to the profession, teaching to get the goal right, creating cooperation. However, when comparing the functions of pedagogical technologies, it turned out that these functions do not occupy the same level. The leading role in didactic game technology is occupied by educational, developmental, educational, communicative functions, and the rest of the functions are attached to them. In problem educational

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technology, the leading role is played by the formation of methods of mental activity, orientation to creative activity, the development of logical thinking, the rest of the functions are supposedly subordinate to them. Against this background, it is possible to analyze the didactic functions of other technologies. The intended goal and effectiveness is achieved only when the biology teacher chooses on a scientific and methodological basis which technology he uses, taking into account the educational, educational and developmental goals of the subject studied in the lesson and the didactic functions of pedagogical technologies.

#### Used literature.

- 1. "Бугунги кундаги биозарарланиш муаммоси инсон фаолияти доирасидаги мухим муаммо" ТШ Рузиевна "Илм ва таълимнинг ривожланиш истикболлари" 4 (www.openscience.uz), 157-160 р.
- 2. "Ўқувчиларнинг касбга йўналтиришнинг педагогик асослари" ТШ Рузиевна Наманган давлат университети илмий ахборотномаси 8 (Наманган давлат ...
- 3. A healthy lifestyle and its importance RN Mominova, D Ibragimova The American Journal of Applied sciences 3 (03), 1-6
- 4. A HEALTHY LIFESTYLE IS A KEY FACTOR IN THE EDUCATION OF DEVELOPED PERSONS R Inoyatkhon, A Mohiyatkhon Innovative Technologica: Methodical Research Journal 2 (05), 147-150
- 5. About the practice of using excursions in natural lessons GM Mahkamov, RY Ruzmatov ACADEMICIA: An International Multidisciplinary Research Journal 11 (3), 2066 ...
- 6. Absolution Capacity of Irrigated Gray-Brown Fulvous Soils IZ Jaloldinovich INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY RESEARCH AND INNOVATIVE ...
- 7. ALGOFLORA OF TYPICAL GRAY SOILS FOR CONTINUOUS TILLAGE SA Tursunova, ST Mamasoliev Chief Editor
- 8. Alkaloids from Convolvulus lineatus and C. olgae growing in Uzbekistan AM Gapparov, NA Razzakov, SM Abdullabekov, SF Aripova Chemistry of Natural Compounds 44 (2), 270-271
- 9. Alkaloids from the aerial part and roots of Convolvulus pseudocanthabrica indigenous to Uzbekistan AM Gapparov, SF Aripova Chemistry of Natural Compounds 47 (4), 673-674
- 10. Biogeochemistry of the onion (Allium cepa L.) in irrigated soils M Isagaliev, I Zokirjon Journal of Natural Remedie 21 (12), 2
- 11. Biological aspects of human adaptation to environmental conditions SR Toshmatova, SO Usmonov ACADEMICIA: An International Multidisciplinary Research Journal 11 (3), 2185 ...
- 12. BIOXILMA XILLIKNI SAQLASH VA QOʻRIQLANADIGAN MINTAQALARNING AHAMIYATI ZJ Isomiddinov, XA Ma'murov Научная дискуссия: вопросы математики, физики, химии, биологии, 89-93
- 13. Derivatives of the alkaloid convolvine and their pharmacological activity AM Gapparov, II Okhunov, SF Aripova, A Nabiev, VU Khuzhaev Chemistry of Natural Compounds 47 (4), 608-611
- 14. DEVELOPMENT OF STUDENTS'CREATIVITY TD Sobirhonovna ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW ISSN: 2319-2836 Impact ...
- 15. Development of the Parasite Nematode Echinuria Uncinata (Nematoda: Acuariidae) in the Intermediate Host in Uzbekistan MJMAE Kuchboev, HK Abdunazarov, AO Olimlonovich Annals of the Romanian Society for Cell Biology 25 (6), 3118-3124
- 16. Distribution of the Pulicario salviifolia, P.gnaphalodes, P.uliginosa in the Fergana valley СКА Н.К.Алиева International Journal of Botany Studies, 1234-1238
- 17. DUDUQLANISHNING KELIB CHIQISH SABABLARI VA OLDINI OLISH SM Umarova, X Murodova Интернаука, 57-58

195	ISSN 2277-3630 (online), Published by International journal of Social Sciences & Interdisciplinary Research., under Volume: 11 Issue: 12 in December-2022 https://www.gejournal.net/index.php/IJSSIR
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- 18. Genetic diversity in Gossypium genus IY Abdurakhmonov, A Abdukarimov, AE Pepper, AA Abdullaev, ... IntechOpen 338, 313
- 19. Geografiya Ta'limida Geografik Axborot Tizimlaridan Foydalanish OA Qo'chqorov, SE Otajonov, XA Ma'murov Интернаука, 66-68
- 20. HEPATOPROTECTIVE POTENTIAL OF POLYPHENOLS IN CCL4-INDUCED HEPATIC DAMAGE TO Mamirovna, PM Komiljonovich, MR Rasuljonovich European science review, 3-8
- 21. HISTORY OF BIOINFORMATICS YI Mirsaydaliyevich INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN ...
- 22. INTERNATIONAL JOURNAL ON INTEGRATED EDUCATION SYS Ravshanova Inoyatkhon Erkinovna Natural emergencies 3 (e-ISSN: 26203502), 170-171
- 23. KASB BU-HAYOT U Muxayyoxon, U Xilolaxon Yosh Tadqiqotchi Jurnali 1 (5), 327-333
- 24. METHODS OF DETERMINING THE MINERALIZATION OF THE SOIL: https://doi.org/10.47100/conferences. v1i1. 1393 I Yusupov RESEARCH SUPPORT CENTER CONFERENCES
- 25. Molecular mapping of photoperiodic flowering in cotton F Kushanov, U Shapulatov, H Urmonov, O Turaev, SE Shermatov, ... Proceedings of the International Cotton Genome Initiative 2010 Conference ...
- 26. Morphological and ecological features of some nematodes of the genus Rhabdochona in marinka obtained from Fergana Valley, Uzbekistan AE Kuchboev, EK Najmidinov, MA Mukhamediev, RR Karimova, K Yildiz Journal of Parasitic Diseases 45 (4), 1084-1089
- 27. ON ANALYSIS OF CHEMICAL ELEMENTS IN THE SOIL-ONION SYSTEM: https://doi.org/10.47100/conferences. v1i1. 1343 Z Isomiddinov RESEARCH SUPPORT CENTER CONFERENCES
- 28. O'SMIRLAR UCHUN KELAJAK KASBINI TANLASHDA INDIVIDUAL MAYLLARINI ANIQLASH UMS Qizi, UX Yuldashevna Ta'lim fidoyilari, 481-487
- 29. Pedagogical factors of preparation of future teachers of biology for professional-pedagogical activities MM Isabayeva, SR Otajonova ACADEMICIA: An International Multidisciplinary Research Journal 11 (6), 48-51
- 30. PESTS OF FRUIT ORCHARDS IN THE TERRITORY OF KOKAND: https://doi.org/10.47100/conferences. v1i1. 1318 S Otajonova RESEARCH SUPPORT CENTER CONFERENCES
- 31. Phytoecdysteroids-containing extract from Stachys hissarica plant and its wound-healing activity NS Ramazanov, ID Bobayev, UY Yusupova, NK Aliyeva, FR Egamova, ... Natural product research 31 (5), 593-597
- 32. PROFESSIONAL COMPETENCY BUILDING FUTURE BIOLOGY TEACHER M Usmonova European Journal of Research and Reflection in Educational Sciences Vol 7 (12)
- 33. Protecting the Environment of Uzbekistan from Environmental Emergencies SM Umarova Journal of New Century Innovations 3 (4), 130-135
- 34. READING-INTELLIGENCE AS A CAPACITY-BUILDING TOOL MA Асқарова, CP Отажонова, МБ Алимова, МД Ирматова Scientific Bulletin of Namangan State University 2 (7), 398-402
- 35. REPRODUCTIVE HEALTH IS THE GUARANTEE OF A HEALTHY FAMILY ID Adxamovna, MT Turgunovich Modern Journal of Social Sciences and Humanities 4, 374-377
- 36. Role of physiological and psychological characteristics of a person in life safety IE Ravshanova, MS Ahmadjanova, YS Shermatova European Journal of Research and Reflection in Educational Sciences Vol 8 (1)

196	ISSN 2277-3630 (online), Published by International journal of Social Sciences & Interdisciplinary Research., under Volume: 11 Issue: 12 in December-2022 https://www.gejournal.net/index.php/IJSSIR
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- RTA MAXSUS TA'LIM VAZIRLIGI Yusupov Ibragim Mirsaydalievich UMUMIY MIKROBIOLOGIYA 5110400-Biologiya o'qitish metodikasi DARSLIK Toshkent-2020 138-139 бетлар OVAO O'ZBEKISTON RESPUBLIKASI Мувофиклаштирувчи кенгашнинг ўкувуслубий бирлашма ва комиссиялари томонидан ...
- Science of Genetics and a Brief History of Its Creation. the Creation of the Laws of Heredity 38. AM Sadriyevna European Scholar Journal 1 (3), 14-15
- SPECIES DIVERSITY AND PROSPECTS FOR CULTIVATION OF DECORATIVE SHRUBS OF JIZAK DU Ishankulova, KK Khaidarov Scientific Bulletin of Namangan State University 2 (9), 100-104
- Technology for Introducing a Healthy Lifestyle Into the Minds of Young People TT 40. Meliboyev, DA Ibragimova European Journal of Research Development and Sustainability 2 (2), 56-58
- 41. The Impact of Mental Disorder on Childrens' Health MFR S. M. Umarova1 EURASIAN JOURNAL OF ACADEMIC RESEARCH 2 (5), 528-531
- THE IMPORTANCE OF USING THE SCIENTIFIC HERITAGE OF IBN SINA IN THE TEACHING OF BIOLOGY IN GENERAL SECONDARY EDUCATION TS Xayrullaevna European Journal of Research and Reflection in Educational Sciences 8 (12), 146
- 43. THE ROLE OF ALGAE IN WATER TREATMENT R Muminova, RY Ro'zmatov Scientific Bulletin of Namangan State University 2 (9), 96-100
- THE USE OF MENTAL MAPS IN TEACHING THE TOPIC OF EPISTASIS MC Ахмаджанова Актуальные научные исследования в современном мире, 9-11
- Theoretical foundations of the organization of the agency for youth affairs AM Mansurovich, 45. AD Gayratovna Asian Journal of Research in Social Sciences and Humanities 12 (4), 510-511
- Use of Innovations and Foreign Experiences in Education of Students on Life Safety SY 46. Sabirovna Eurasian Research Bulletin 7, 58-61
- 47. YER YUZASIDA TARQALGAN BIOSENOZ VA POPULYASIYANING ASOSIY XUSUSIYATLARI ZJ Isomiddinov, XA Ma'murov Интернаука, 38-40
- Zooplankton of Sarikamish Lake (Uzbekistan) XX Abdinazarov, MJ Madumarov, SM 48. Haydarov Open Access Library Journal 6 (3), 1-8
- 49. Биологическая очистка сточных вод гидролизных производств путем культивирования высших водных растений РШ Шоякубов, РН Муминова Узбекский биологический журнал, 35-38
- 50. Биология дарсларида Абу Али ибн Синонинг табиат ва инсон саломатлигига оид қарашларидан фойдаланиш усуллари СХ Тожибоева Современное образование (Узбекистан), 42-47
- 51. ВЛИЯНИЕ АБИОТИЧЕСКИХ ФАКТОРОВ НА РАСПРОСТРАНЕННОСТЬ UNIONIDAE, ВИДОВ СЕМЕЙСТВ PISIDIDAE, ПЛОТНОСТЬ **EUGLESIDAE** И CORBICULIDAE В ВЫСОКОГОРНЫХ РАЙОНАХ ПРИБРЕЖНОЙ ЗОНЫ ... НЖ Ходжаева, ХТ Боймуродов, ХХ Абдиназаров, БХ Алиев Бюллетень науки и практики 7 (11), 28-33
- Воспитание информационной и нравственной культуры у современной молодежи в интернете КД Облабердиева, ГМ Махкамов, РЯ Рузметов, ХА Абдупаттоев Сборники конференций НИЦ Социосфера, 116-118
- ДЕВИАЦИЯ КАК СОЦИАЛЬНО-ПЕДАГОГИЧЕСКАЯ ПРОБЛЕМА ДШ Вахобова, ДА Ибрагимова, ЯС Шерматова Исследование инновационного потенциала общества и формирование направлений ...
- СИСТЕМА РЕСПУБЛИКИ ИЗБИРАТЕЛЬНАЯ УЗБЕКИСТАН." ВЫБОРАХ" И ЕГО ЗНАЧЕНИЕ СО Усмонов, АА Мирзарахмонов Ученый XXI века, 21-25

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- 55. Инновацион таълим мухитида соғлом турмуш тарзи кўникмаларини таркиб топтириш технологияси ММ Исабаева Современное образование (Узбекистан), 46-51
- 56. Использование информационно-коммуникационных технологий на уроках биологии XM Рустамовна Life Sciences and Agriculture 1 (1), 149
- 57. КЕЙСЛАРДАН ФОЙДАЛАНИБ "НУКЛЕИН КИСЛОТАЛАР, ДНК ВА РНК МОЛЕКУЛАСИ" МОДУЛИНИ ЎҚИТИШ ММ Азимов, ХН Урманов, СО Усмонов, РЁ Рўзиматов Интернаука, 54-55
- 58. КОМНАТНЫЕ РАСТЕНИЯ И ЭКОЛОГИЯ ЖИЛИЩА СС АРТЫКОВ, МР ХАЛИМОВА, ДС ТАШПУЛАТОВА МОЛОДЕЖЬ И НАУКА: ШАГ К УСПЕХУ, 138-140
- 59. О ПРЕДОТВРАЩЕНИИ УСТАЛОСТИ У ШКОЛЬНИКОВ ОМ ТУРДИЕВА, СХ ТОЖИБОЕВА, ША ТУРСУНОВА БУДУЩЕЕ НАУКИ-2015, 422-426
- 60. ОТНОШЕНИЕ УЧИТЕЛЕЙ К ИНКЛЮЗИВНОМУ ОБРАЗОВАНИЮ В КАЗАХСТАНЕ: КЕЙС ОБЩЕОБРАЗОВАТЕЛЬНЫХ ШКОЛ ГОРОДА АЛМАТЫ ДШ Юсупова, ММ Исабаев Central Asian Economic Review, 76-89
- 61. ОХРАНА ОКРУЖАЮЩЕЙ СРЕДЫ КАК СРЕДСТВО ФОРМИРОВАНИЯ БИОЛОГИЧЕСКОЙ КУЛЬТУРЫ ОМ ТУРДИЕВА БУДУЩЕЕ НАУКИ-2015, 419-422
- 62. ОХРАНА РЕДКИХ И ИСЧЕЗАЮЩИХ ПТИЦ СС АРТЫКОВ, МР ХАЛИМОВА, ДС ТАШПУЛАТОВА МОЛОДЕЖЬ И НАУКА: ШАГ К УСПЕХУ, 140-141
- 63. Педагогические и психологические проблемы обучения детей с нарушениями зрения ГМ Махкамов, РЯ Рузматов Наука и мир 2 (4), 84-86
- 64. ПЛАНЕТАМИЗДА ТИРИК ОРГАНИЗМЛАРНИ ТАРҚАЛИШ ЧЕГАРАЛАРИНИНГ АСОСИЙ ҚОНУНИЯТЛАРИ FX Бердиев, ХА Маъмуров, ХН Урманов, ШЭ Отажонов, ММ Азимов Интернаука, 52-54
- 65. ПОВЫШЕНИЕ КОНКУРЕНТОСПОСОБНОСТИ ФИРМЫ В РАМКАХ ИНДУСТРИАЛЬНОЙ ПОЛИТИКИ: ЛИТЕРАТУРНЫЙ ОБЗОР АМ Сейтказиева, ММ Исабаев, ЕМ Раушанов Economics: the strategy and practice 14 (4), 43-52
- 66. Развитие креативных способностей учащихся на уроках биологии ДС Тошпулатова Образование, наука, карьера 4 (4), 16-19
- 67. Редкие и исчезающие растения ДС ТАШПУЛАТОВА, МР ХАЛИМОВА Будущее науки-2017, 330-331
- 68. Республика худудларида интродукция килинадиган яхлит баргли Содак усимлигининг агротехнологияси ИДБ Н.К.Алиева актуальные вопросы защиты, производства переработки лекарственных и пряных ...
- 69. Состояние окружающей среды и её влияние на здоровье человека МС Ахмаджонова Инновационная экономика: перспективы развития и совершенствования, 29-31
- 70. ТАЛАБАЛАРНИНГ ПСИХОЛОГИК САЛОМАТЛИГИНИ ТАЪМИНЛАШНИНГ АСОСИЙ МЕЗОНЛАРИ ИЭ Равшанова, ЁС Шерматова Интернаука, 87-89
- 71. ТЕХНОЛОГИЯ КОНСТРУИРОВАНИЯ УЧЕНИЯ АВИЦЕННЫ НА УРОКАХ БИОЛОГИИ CTS Tojiboyeva) ПЕДАГОГИЧЕСКИЕ НАУКИ 101 (2), 12
- 72. Forms of organizing the cognitive activity of students in the process of solving problems and exercises in biology AM Mahmudovna, MM Isaboeva Web of Scientist: International Scientific Research Journal 3 (7), 68-76
- 73. МЕВАЛИ ДАРАХТЛАРНИ ЗАРАРКУНАНДАЛАРИГА УЙҒУНЛАШГАН КУРАШ ЧОРАЛАРИ МН Юсупова, ММ Ахмедова ЖУРНАЛ АГРО ПРОЦЕССИНГ 2 (8)
- 74. ЗАРАРКУНАНДАЛАРГА ҚАРШИ ФОЙДАЛАНАДИГАН ЙИРТҚИЧ ЭНТОМОФАГЛАР ММ Аҳмедова Интернаука, 43-44

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