

**METHODOLOGY OF TEACHING "INFORMATION SECURITY" SUBJECT
BASED ON MEDIA EDUCATION TECHNOLOGIES IN PEDAGOGICAL HIGHER
EDUCATION INSTITUTIONS**

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Anotation:

This article is about the use of interactive methods in teaching "Information security" based on media education technologies in pedagogic higher education institutions, and about the application of methods such as SWOT, Summary, Concepts, Cinquain, Case study to the educational process. detailed information is provided.

Keywords: Information security, traditional, non-traditional, method, SWOT, Summary, Concepts, Cinquain, Media security, Media security, Case study.

Currently, as a result of the use of modern pedagogical and information technologies in the teaching process of the higher education system, educational methodical materials are divided into two types. These are a complex of traditional and non-traditional, new generation educational and methodical materials.

Traditional teaching-methodical materials include textbooks, study guides, methodical instructions, didactic handouts and demonstration materials used in the educational system. In addition to traditional materials, new educational methodical materials include electronic publications, electronic textbooks, electronic posters, electronic dictionaries, methods based on modern information and pedagogical technology, educational materials created using interactive methods, multimedia tools, information obtained from the Internet and other pictorial-visual means can be included¹.

At the moment, the importance of the complex of traditional teaching and methodical materials has not decreased, but the need for the complex of new generation teaching materials is increasing. Based on the research conducted during the past period, it can be said that the traditional lesson remains one of the main models of education.

A traditional lesson is designed for a certain period of time, the educational process is more focused on the teacher, and it is an educational structure consisting of the stages of introduction, clarification, reinforcement and completion of the topic.

¹ Юлдашев У.Ю., Закирова Ф. Роль и место учебно методического комплекса нового поколения в информационно-учебном обеспечении образовательного процесса // – Т., "Педагогик таълим" журнали, 2004. №2. 27-29 б.

Nowadays, it is necessary to educate active members of the society who can correctly understand the needs of the time, while teachers are required to educate modern persons who are in tune with the times and mature in all aspects. It is known from the conducted research that while preserving the traditional form of the lesson, enriching it with interactive methods that activate the desire of various students, and using modern pedagogical and information technologies in their place, the level of students' mastery has increased. we can see.

For this, it is necessary to organize the lesson process rationally, and the teacher should increase the interest of students and constantly encourage their activity in the educational process.

Also, dividing the educational material into small parts, working with cases to reveal their content, making effective use of lesson technologies such as SWOT analysis, "Summary" method, "Concepts" method, allowing students to work independently in practical exercises and laboratories. motivation, as well as the use of various assessment methods, the use of educational tools in place and time is required.

Interactive methods of "Information security" classes differ from ordinary classes in the following features:

1. Clearly achieve the set goal.
2. Using new methods to impart new knowledge.
3. Independent activities of students are fully ensured in the lesson and in the process of independent education.
4. Assessment of knowledge, skills and abilities is fully computer controlled.
5. There is a sharp increase in media literacy of students, in particular, they quickly master the elements of manipulation and navigation.

"Analysis of the concept of information security"

Concepts	What do you think this concept means?	Additional Information
Information security		
information privacy		
cut off		
hold back		
social network		
mobile devices (counterfeiting)		

Note: The second column contains comments from participants. Additional information about these concepts is provided in the glossary.

MODERN PEDAGOGICAL TECHNOLOGIES CINQUAIN:

Cinquain (French cinquains, English cinquain) is a five-line word form that appeared in the United States at the beginning of the 20th century under the influence of Japanese poetry. Later (in 1997 and in Russia) it was used for didactic purposes, as a result, it was used as an effective

method of developing figurative speech, which allows you to quickly get quick results. A number of methodologists believe that syncretism is useful as a means of synthesizing complex information.

Cinquain on the concept of media security:

1. media policy;
2. open, closed;
3. Enriching the content of media texts, creating conditions for communication and information policy,
4. helps to understand media context and apply it to life.
5. media culture

Cinquain on the concept of media threat:

1. threat
2. ideological, informative
3. scares, has a mental effect, causes depression;
4. through media technology, people in life are afraid;
5. attack

Cinquain according to the concept of media technology:

1. media text
2. newspaper, magazine, Internet
3. given through mass media, advertising;
4. Global and social networks are accepted based on analysis;
5. technology

"SUMMARY" (Veer) method

The purpose of the method: This method is aimed at studying complex, multifaceted, problematic topics as much as possible. The essence of the method is that it provides the same information on different branches of the topic, and at the same time, each of them is discussed in separate aspects. For example, the problem is studied in terms of positive and negative sides, advantages, virtues and disadvantages, benefits and harms. This interactive method provides an opportunity to successfully develop critical, analytical, clear logical thinking and to systematically express and defend students' independent ideas and thoughts in written and oral form. The "Summary" method can be used in lecture sessions in the form of individual and pair work, in practical and seminar sessions in the form of small group work in order to strengthen, analyze and compare knowledge on the subject.²

² Tursunov S. Q. va boshq. Oliy ta'limda informatika fanlarini o'qitish metodikasi moduli bo'yicha o'quv uslubiy majmua. – T., 2016 y, 203 b.

About information security					
Improving information security skills		Analysis of information		Attention to information security	
positive	negative	positive	negative	positive	negative
Xulosa:					

"SWOT-analysis" method

The purpose of the method is to find ways to solve problems by analyzing and comparing existing theoretical knowledge and practical experience, strengthening knowledge, repeating, evaluating, and forming independent, critical thinking, non-standard thinking.

Do a SWOT analysis.

S	strengths	
W	weaknesses	
O	options	
T	Threats	

"Case-study" method

"Case-study" is an English word ("case" - specific situation, event, "stadi" - to study, analyze) aimed at carrying out teaching based on the study and analysis of specific situations is a method. This method was first used in Harvard University in 1921 in the order of using practical situations in the study of economic management sciences. In a case, open information or a specific event can be used as a situation for analysis. Case actions include: Who, When, Where, Why, How, What³.

Task for the case: we access our e-mail through a computer. We typed our e-mail login password through the computer, but it does not enter our e-mail. What actions do you take?

Problem	Solution	Result

The use of media technologies in higher education expands interdisciplinarity, provides enrichment of topics with additional information. The process of rapid development of mental abilities of students takes place, the basis for improving their intellectual potential is created.

³ Abduqodirov A.A. va boshqalar. Ta'limda innovatsion texnologiyalar. – T.: Iste'dod jamg'armasi, 2008. 145 b.

The use of pedagogical, innovative and information technologies in the educational process creates an opportunity to effectively solve the current issues of higher education. In this:

- at the expense of ensuring the educational process is interesting and effective, the motivation of the learner to understand the educational material increases;
- the skills of independent work and self-control increase;
- ensures the effectiveness of training sessions and the mastery of each learner;
- general active development is achieved due to the development of the learner's thinking, feeling of knowing, striving towards the goal, and spiritual imagination;
- active work of all students in the auditorium is ensured.

A modern competent teacher is the creator of the future, the author, developer, researcher, user and promoter of new pedagogical technologies, theories, concepts. A modern competent teacher should present the main information and educational material in the lesson content in such a way that it facilitates the student's visual perception. In this case, it is important to teach each teacher to learn, process and apply a large amount of information in a short period of time. The use of modern information technologies, including media technologies, along with traditional methods of teaching, helps the teacher to solve it.

The use of media technologies in the lesson makes the teaching process interesting and allows an individual approach to each student.

References:

1. Юлдашев У.Ю., Закирова Ф. Роль и место учебно методического комплекса нового поколения в информационно-учебном обеспечении образовательного процесса // – Т., “Педагогик таълим” журнали, 2004. №2. 27-29 б.
2. Tursunov S. Q. va boshq. Oliy ta’limda informatika fanlarini o’qitish metodikasi moduli bo’yicha o’quv uslubiy majmua. – Т., 2016 у, 203 б.
3. Abduqodirov A.A. va boshqalar. Ta’limda innovatsion texnologiyalar. – Т.: Iste’dod jamg’armasi, 2008. 145 б
4. Muydinovich, R. I., Valentinovna, M. S., & Xabibjonqizi, M. D. (2022). THE ROLE OF INFORMATION TECHNOLOGY IN MODERN METHODS IN THE SYSTEM OF HIGHER EDUCATION. *International Journal of Early Childhood Special Education*, 14(7).
5. Muydinovich, R. I. (2022). The Role of Digital Technologies in Growing Secondary School Students to the Profession. *Eurasian Scientific Herald*, 6, 137-142.
6. MUYDINOVICH, R. I. (2020). Problems and Solutions of Online Education in Tertiary Institutions. *International Journal of Innovations in Engineering Research and Technology*, 7(11), 58-60.
7. Muydinovich, R. I. (2021). Innovative approach to ensuring the continuity of teaching computer science in the system of continuous education of the New

- Uzbekistan. ACADEMICIA: An International Multidisciplinary Research Journal, 11(4), 1622-1629.
8. РАСУЛОВ, И. М., & ТОЛИПОВ, У. К. (2018). РАЗВИТИЯ КУЛЬТУРЫ ПРОЕКТИРОВАНИЯ СТУДЕНТОВ ПОСРЕДСТВОМ КОМПЬЮТЕРНЫХ ТЕХНОЛОГИЙ. In Высшее и среднее профессиональное образование России в начале 21-го века: состояние, проблемы, перспективы развития (pp. 198-203).
 9. Muydinovich, R. I. (2022). Methodology of using the google classroom mobile application in teaching informatics and information technologies for secondary school students. European Journal of Interdisciplinary Research and Development, 3, 158-162.
 10. Muydinovich, R. I. (2021). Strategic Conditions for the Modernization of the Educational System in the 3-Renaissance. Central Asian Journal of Theoretical and Applied Science, 2(6), 85-92.
 11. Расулов, И. (2014). Формирование понятий и навыков у учеников при создании ребусов при помощи компьютерных технологий. Актуальные проблемы современной науки, (3), 84-88.
 12. Muydinovich, R. I. (2022). INFORMATIKA FANI YO 'NALISHIDA ZAMONAVIY DASTURLASH TILLARINI O 'RGANISHNING AHAMIYATI. In INTERNATIONAL SCIENTIFIC RESEARCH CONFERENCE (Vol. 1, No. 4, pp. 75-78).
 13. Muydinovich, R. I. (2021). Problems and solutions of teaching in credit-module system in higher education institutions. The American Journal of Social Science and Education Innovations, 3(04), 721-727.
 14. Muydinovich, R. I. (2020). Advantage And Methodological Problems Of Teaching Computer Science In Modern Schools. The American Journal of Interdisciplinary Innovations and Research, 2(10), 13-16.
 15. Rasulov, I. M. (2022). ADVANTAGE AND METHODOLOGICAL PROBLEMS OF TEACHING COMPUTER SCIENCE IN MODERN SCHOOLS. Ученый XXI века, 22.
 16. Muydinovich, R. I. (2022). RAQAMLI TEXNOLOGIYALARNING RIVOJLANISHI TUFAYLI PAYDO BO'LGAN KASBLAR VA ULARNI O'RGANISH. PEDAGOGS jurnali, 13(1), 117-122.
 17. Muydinovich, R. I. (2022, April). INTEGRITY AND CONTINUITY OF COMPUTER SCIENCE IN THE SYSTEM OF CONTINUING EDUCATION. In E Conference Zone (pp. 322-326).
 18. Muydinovich, R. I. (2022). THE ROLE OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN PROVIDING INTERDISCIPLINARY INTEGRATION IN THE EDUCATIONAL PROCESS. Web of Scientist: International Scientific Research Journal, 3(12), 1281-1286.

19. Muydinovich, R. I. (2022). VOCATIONAL TRAINING OF SECONDARY SCHOOL STUDENTS BASED ON DIGITAL TECHNOLOGIES. *Galaxy International Interdisciplinary Research Journal*, 10(12), 209-216.
20. Muydinovich, R. I., Valentinovna, M. S., & Xabibjonqizi, M. D. (2022). THE ROLE OF INFORMATION TECHNOLOGY IN MODERN METHODS IN THE SYSTEM OF HIGHER EDUCATION. *International Journal of Early Childhood Special Education*, 14(7).
21. Makhkamova, D. X. (2023, January). IMPROVING THE METHODOLOGY OF USING SOFTWARE TOOLS FOR THE FUTURE INFORMATICS AND INFORMATION TECHNOLOGY TEACHER. In *E Conference Zone* (pp. 64-69).
22. Makhkamova, D. X. (2023). METHODOLOGY OF FORMATION OF FREELANCING SKILLS OF FUTURE TEACHERS OF INFORMATICS AND INFORMATION TECHNOLOGIES THROUGH THE SUBJECT OF INFORMATICS AND DIGITAL TECHNOLOGIES. *Conferencea*, 55-64.
23. Valiyevna, K. S., & Kizi, I. N. V. (2022). New vocabulary of the internet language: Methods of formation, reasons for the appearance. *Asian Journal of Multidimensional Research*, 11(5), 84-89.
24. Alisherovna, E. N. (2023). Biologiya darslarida elektron darsliklardan foydalanish. *Ta'lim fidoyilari*, 12, 171-180.
25. Alisherovna, E. N. (2023). Pedagog imidji va muloqot madaniyati. *Ta'lim fidoyilari*, 12, 166-170.
26. Alisherovna, E. N. (2022). PEDAGOGICAL COMMUNITY AND ITS SOCIO-PSYCHOLOGICAL CHARACTERISTICS. *ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW* ISSN: 2319-2836 Impact Factor: 7.603, 11(11), 80-88.
27. Makhmudovna, A. M. (2022). THE ROLE OF SOLVING PROBLEMS AND EXERCISES IN BIOLOGY IN THE ACTIVATION OF COGNITIVE ACTIVITY OF STUDENTS. *Open Access Repository*, 8(12), 248-249.
28. Mahmudovna, A. M. (2022). DIDACTIC FOUNDATIONS OF COGNITIVE ACTIVITY AND ITS DEVELOPMENT IN STUDENTS. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH* ISSN: 2277-3630 Impact factor: 7.429, 11(12), 193-198.
29. Mamasoliev, S. T., & Tursunova, S. A. (2022, December). ALGAE FLORA OF COTTON FIELDS. In *International Scientific and Current Research Conferences* (pp. 98-101).
30. Турсунова, Ш. А. SOIL ALGAE AND THEIR BIOLOGY.

31. Abdujaborovna, T. S. (2022). RESISTANCE OF PLANTS TO ATMOSPHERIC AIR POLLUTION. ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW ISSN: 2319-2836 Impact Factor: 7.603, 11(12), 89-95.
32. Shermatovna, E. N., & Kizi, Y. M. I. (2022). STAGES OF FORMATION AND DEVELOPMENT OF MEDIAMADANIATIN. Galaxy International Interdisciplinary Research Journal, 10(12), 272-274.
33. Якубжонова, М. И. Қ. (2022). ОЛИЙ ЎҚУВ ЮРТЛАРИДА ТАЛАБАЛАР МЕДИАМАДАНИЯТИНИ РИВОЖЛАНТИРИШ МОДЕЛИ. Central Asian Research Journal for Interdisciplinary Studies (CARJIS), 2(3), 489-497.
34. Yakubjonova, M. I. (2022). DEVELOPMENT OF MEDIA CULTURE IN STUDENTS AS A PEDAGOGICAL PROBLEM. Экономика и социум, (3-2 (94)), 329-333.
35. Yakubjonova, M. I. (2022). DEVELOPMENT OF MEDIA CULTURE IN STUDENTS AS A PEDAGOGICAL PROBLEM. Экономика и социум, (3-2 (94)), 329-333.
36. Якубжонова, М. И., & Юлчиева, М. И. (2022, January). МЕДИАМАДАНИЯТ ВА УНИНГ МУҲИМ ХУСУСИЯТЛАРИ. In International journal of conference series on education and social sciences (Online) (Vol. 2, No. 1).
37. Ahmedovna, U. M., & Mukimjonovich, E. M. (2022). METHODOLOGY OF PERFORMING PRACTICAL INDEPENDENT WORK. Open Access Repository, 8(12), 171-176.
38. Axmedovna, U. M., & Ilhomjonovna, I. S. (2022). TALIMDA BIOLOGIYA VA MATEMATIKA FANLARINING OZARO ALOQASI HAQIDA. BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI, 2(12), 816-817.
39. Ummatova, M. A., & Mamatqulov, A. T. (2022, December). AL-XORAZMIY ASARLARINING AMALIY AHAMIYATI HAQIDA. In INTERNATIONAL CONFERENCE DEDICATED TO THE ROLE AND IMPORTANCE OF INNOVATIVE EDUCATION IN THE 21ST CENTURY (Vol. 1, No. 10, pp. 104-107).
40. Ummatova, M. A., & Rahmonova, O. O. (2022, December). ELEMENTAR MATEMATIKADA ANTISIMMETRIK KO 'PHADLAR. In INTERNATIONAL CONFERENCE DEDICATED TO THE ROLE AND IMPORTANCE OF INNOVATIVE EDUCATION IN THE 21ST CENTURY (Vol. 1, No. 10, pp. 71-74).
41. Nosirovich, N. S., & Ahmedovna, U. M. (2022). AUTOMORPHISM OF NUMERICAL SYSTEMS. Open Access Repository, 8(12), 197-201.
42. Ummatova, M. A. (2022). DIDACTICAL AND PRACTICAL FUNCTIONS OF MATH CLASS. Galaxy International Interdisciplinary Research Journal, 10(12), 259-262.