METHODS OF ORGANIZING ELECTIVE CLASSES BASED ON MULTIMEDIA TECHNOLOGIES IN VOCATIONAL EDUCATION

Mexridinova Nasiba
Nizami TDPU, Faculty of Vocational Education,
4th year student of Computer Graphics and Design

Abstract: A non-compulsory type of training for university and high school students to expand and deepen their theoretical knowledge. Elective courses are organized on the latest issues of science, technology and culture, as well as on a topic or section that interests students (students) during the study of a subject.

Keywords: Multimedia presentations, didactic and cognitive, Motivation, Electronic materials, pedagogical technologies, electronic information

1. Features of preparation of educational multimedia presentations
In preparing educational multimedia presentations, on the one hand, it is necessary to take into account the general didactic principles of creating training courses, the requirements of the psychological characteristics of receiving information on the screen and in print (because any text can be printed on paper), ergonomic requirements, the second is to make the most of the opportunities that telecommunications network software and modern information technology offer us. Naturally, it is necessary to start with didactic and cognitive goals and objectives, because the tools of information technology are the essence of the means of performing didactic tasks.
In other words, the effectiveness of multimedia presentations depends on the quality of the materials used (training courses) and the skill of the teachers involved in the process. Therefore, the pedagogical, meaningful organization of multimedia presentations (both at the design stage of the presentation and in the process of its use) is a priority. Hence the importance of conceptual pedagogical rules that need to build a modern lesson using multimedia presentations.
Motivation ... Motivation is an important part of education and should be maintained throughout the lesson. For school students, a clearly defined goal is of great importance. If the level of tasks set does not match the student's level of preparation, motivation will quickly decline.
Setting Learning Objectives ... The student should know what is required of him from the beginning of working on the computer. Learning objectives should be clearly and concisely formulated throughout the course.
Creating the necessary conditions for comprehension of educational material ... Auxiliary materials included in the textbook or prepared by the teacher (student manuals) to create the necessary conditions for comprehension of educational material can be useful.
Presentation of training material. The strategy of delivery of materials is determined by the educational tasks to be solved. An important issue is the formatting of the frames given to the display screen. It is necessary to use known principles for reading.
Assessment ... In the process of working with a computer, students need to know how to deal with learning materials. The most important thing is to organize a "student-teacher-student" dialogue. For these purposes, it is recommended to organize the work of school students in projects or "collaborative learning" discussions.
In creating a multimedia presentation should take into account not only the relevant principles of classical didactics, but also the specific principles of using computer multimedia presentations.
A study of the works of the classics has shown that teachers who develop multimedia presentations will be useful, for example, in the recommendations of F. Dyesterweg in the German Teacher Education Handbook. They remain very relevant in our time with the most modern pedagogical technologies. Here are some of them: Divide each material into specific steps and small ready-made pieces; , but in full;

You need to be covered with material. Using reputable sources, brands, and concepts can lead people to view it with great interest. The use of different graphics, animations and simulations should help to increase the attractiveness of interactive courses

The use of multimedia technology to create electronic materials sets its own laws and places certain demands on approaches and development methods.

Multimedia learning presentations are designed to help the teacher and provide a convenient and visual presentation of the material. Using even the simplest graphics tools is very effective.

A well-prepared presentation can engage students and stimulate their interest in learning. At the same time, you don't have to engage and abuse the external side of the presentation associated with special effects. If you overdo it, you will reduce the overall effectiveness of your presentation. There should be a balance between the presentation and the effects added to it so that your students are literally "sitting on the edge of the chair". This rule applies to all multimedia presentations in general, but especially to educational presentations.

Thus, it is necessary to replace traditional teaching technologies with new information evolving pedagogical technologies. With their help, the activities of teachers and students in the classroom should be based on the use of modern information technology and the implementation of such pedagogical situations, which have a research, heuristic character. To successfully implement these technologies, the teacher must have the skills of a computer user, the ability to plan the structure of actions to achieve a goal based on a defined set of tools; description of objects and events through the construction of information structures; conducting and organizing electronic information search; formulate the problem, task, idea, etc. clearly and unambiguously.

References

1. Abdukadirov, A., Zakirov, S., Mamarajabov, O., & Sayfulla, A. (2021, November). Conditions for the development of students' information competence in the aspect of the development of distance learning in the humanities. In 2021 International Conference on Information Science and Communications Technologies (ICISCT) (pp. 1-4). IEEE.
2. Халдаров, Х. А. (2021). Исследование чувствительности к внешним параметрам процесса обучения с помощью эргономики в приобретении знаний. Журнал Технических исследований, 4(1).
3. Abduganievich, A. S., & Marsilovna, S. R. (2022, February). Features of the professional activity of a computer science teacher in the modern conditions of the organization of the educational process. In Conference Zone (pp. 195-198).
4. Bahadirovna, S. D. (2022, February). Enrich educational content through multimedia resources using digital technologies. In Conference Zone (pp. 220-221).
5. Urokova, S. B. (2020). Advantages and disadvantages of online education. ISJ Theoretical & Applied Science, 9(89), 34-37.
6. Bagbekova, L. (2020). Distance education system as a new form of teaching. Theoretical & Applied Science, (9), 12-14.
7. Ilich, M. E. (2022, February). Problems of professional development of future teachers in the field of informatics. In Conference Zone (pp. 193-194).
8. Raxmatullayevna, F. B., Dilmurodovna, N. M., & Asetovna, P. A. (2019). The integration of new ict technologies into the educational process is a necessary condition for the modernization of the education system. European Journal of Research and Reflection in Educational Sciences Vol, 7(12).
9. Bagbekova, L. (2019). Opportunities of massive open online courses. *European Journal of Research and Reflection in Educational Sciences Vol*, *7*(12).
10. Xo'jayev, M. O. (2020). The role of theory and practice in the development of ideological competence in students. Theoretical & Applied Science, (9), 18-20.
11. Suleymanova, R. M. (2020). Technological process of creation of electronic educational resources. Theoretical & Applied Science, (9), 38-40.
12. Nazarov, I. U., Payazov, M. M., & Tadjibayeva, M. Z. (2019). Technology is getting rid of the noise in speech perception. European Journal of Research and Reflection in Educational Sciences Vol, 7(12).

13. Kadirbergenovna, B. L. (2022, February). Massive open online course basic requirements for digital educational resources. In Conference Zone (pp. 187-190).
14. Elmurzaevich-TSPU, M. O., & Rustamovich, A. J. (2019). The benefits of using information technology in the education system. European Journal of Research and Reflection in Educational Sciences Vol, 7(12).
15. Абдурахманова, Ш. А. (2018). Об одном аспекте развития интеллектуальных умений в цифровом обществе. in актуальные проблемы профессионального педагогического и психологического образования (pp. 12-14).
16. Абдурахманова, Ш. А. (2017). Развитие педагогической науки в Республике Узбекистан. Молодой ученый, (1), 428-430.