

## **The System of Support of Decision-Making Forming Individual Educational Plans**

Roman Zhydyk, YaroslavLis, Zoriana Rybchak, Olga Makar

Lviv Polytechnic National University, Lviv, Ukraine

Scientific research that is devoted to the solution of important problems related to the work of online diagnostic and correctional institutions of Ukraine. The work takes into account the nosology of people with special needs, and availability taking into account the concept of universal design.

Each technology using the personal computer has become a necessary attribute of the cultural environment. The use of new information technologies allows to solve successfully some important tasks: teaching and upbringing of children (students) with special needs. Today the particular importance of creative implementation in practice of educational work of new technologies and methods of presenting information. For schools – is, first of all, the improvement of the effectiveness of training and remedial work that is the basis of education and labor training of pupils (students) with special needs.

At the moment, the use of PCs in teaching children with special educational needs in Ukraine, the minimum and has not yet received sufficient distribution. Although research in this area has already begun. In particular, noteworthy results of research V. sculpture, which showed the role of the computer in special schools for children with special needs define the conditions for its use.

I. Holkowska believes that in teaching different categories of children with special educational needs, increasingly wide application acquire personal PC. According to the scientist, computer tools can be used to develop skills: reading, writing, learning math, a foreign language and many others. You can use the computer as a means of control over the activities of children, the formation of different types of self-control. The use of computer technology in special education shows positive results in teaching activities and correction of many developmental children. A. Kachurovska believes the use of computers in the educational process of schools will contribute to the individually-differentiated approach, to develop cognitive activity of students with deficiencies in speech development, to increase the motivation of educational activity and, as a consequence of the level of knowledge. But the introduction of information technologies in the educational process is possible only under condition of creation of high-quality Ukrainian-language educational and remedial software tools, adapted for use in conditions of special schools, development and substantial improvement of existing approaches in the use of computer technologies in educational process of schools for children with speech disorders.

According to S. Mironovoi, computer technology should not be the object of study and the means by which the child with violations of psychophysical development can

fill gaps in knowledge on various subjects. Well-chosen computer programs will ensure the development of children's abilities, their interests, abilities, skills and require a certain level of cognitive activity. While working on the keyboard develops fine motor skills. The computer can be a powerful source of forming of cognitive activity, but also the pursuit of knowledge to satisfy the results of their activities, development of independence of thinking. Through the use of computer equipment is carried out in individual training, focus on the individual student. We agree that further development of independence of thinking, conditions for successful use of computer technology in the classroom.

- knowledge of teacher individual characteristics of the students in the class, their degree of readiness to assimilate the material;

- knowledge teacher requirements, curriculum and special teaching methods knowledge of computer software and ability to use them.

It is also necessary to consider the peculiarities of the psyche of children with special needs, primarily those which can complicate the work with the technique. This, in particular, fatigue is dispersed attention to the slow rate of perception, for a long period of entry into the process. Interest in the computer increases efficiency, concentrate and slightly increase the pace. So important is mobile technology SMART technology the Apple APP for ASD.

## References

1. Characteristic peculiarities of the main crowdfunding websites. Ugolkova, O. [Electronic resource]. Access mode: <http://ena.lp.edu.ua:8080/handle/ntb/34932>
2. Gorelov DM Volunteer Movement: World Experience and Ukrainian Civic Practices: An Analyte. ext. - K.: NISD, 2015. - 36 p.
3. Lytvyn, V., Vysotska, V., Pukach, P., Vovk, M., Ugryn, D.: Method of functioning of intelligent agents, designed to solve action planning problems based on ontological approach. In: Eastern-European Journal of Enterprise Technologies, 3/2(87), 11-17. (2017)
4. Lytvyn, V., Kowalska-Styczen, A., Peleshko, D., Rak, T., Voloshyn, V., Noennig, J. R., Vysotska, V., Nykolyshyn, L., Pryshchepa, H.: Aviation Aircraft Planning System Project Development. In: Advances in Intelligent Systems and Computing IV, Springer, Cham, 1080, 315-348. (2020)
5. Antonyuk, N., Medykovskyy, M., Chyrun, L., Dverii, M., Oborska, O., Krylyshyn, M., Vysotsky, A., Tsiura, N., Naum, O.: Online Tourism System Development for Searching and Planning Trips with User's Requirements. In: Advances in Intelligent Systems and Computing IV, Springer Nature Switzerland AG 2020, 1080, 831-863. (2020)
6. Bidiuk, P., Gozhij, A., Kalinina, I., Gozhij, V.: Methods for processing uncertainties in solving dynamic planning problems. In: International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT, 151-156. (2017)
7. Dosyn, D., Lytvyn, V., Kovalevych, V., Oborska, O., Holoshchuk, R.: Knowledge discovery as planning development in knowledgebase framework. In: Modern Problems of Radio Engineering, Telecommunications and Computer Science, Proceedings of the 13th International Conference on TCSET, 449-451. (2016)