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SOCIAL AND PEDAGOGICAL CONDITIONS OF INTEGRATION OF CHILDREN WITH SPECIAL EDUCATIONAL NEEDS IN THE MODERN INFORMATION SOCIETY

In the article, the main features of social and pedagogical integration of students with special educational needs into the modern information society are considered based on the implementation of inclusive learning. The importance of developing digital skills of children with special educational needs substantiated.

Including students with special education needs into the general education space is one of important ways of humanization of the national education system. Due to the implementing inclusive learning in educational institutions of Ukraine the basic right of a child to education is satisfied. The main task of inclusive learning is to provide a welcoming experience for all students to get the quality education. Inclusive learning takes into account individual characteristics of students with special education needs and so, facilitates their adaptation in a school. One of the key tasks of the modern education is creating inclusive learning environment in which teachers and students are open to the collaboration and communication.

The important social problem is to remove barriers that impede the full life of persons with special needs. Modern digital technologies adopted for different needs of users became an integral part of life of persons with special needs. Compensatory property of new technologies allows students with special needs actively to participate in the educational process. The process of teaching children with special educational needs requires development of so many new methodological materials which help such students integrate into the modern information society. Through the implementation of digital technologies in the learning process and in the inclusive learning, in particular, children with special educational needs can receive a variety of educational materials in an accessible format, more effectively master new knowledge and demonstrate their educational achievement.

Therefore, using modern digital technologies in the inclusive learning provides effective way for integration of children with special needs into the educational process and the information society.

Modern digital technologies that are transformed to the needs of the user are an integral part of the lives of people with functional limitations. There are a number of mobile applications on smartphones that are distributed to overcome all sorts of restrictions in the information space. It is worth mentioning the free NVDA program, which thanks to the language alert provides information to the user about the objects on the desktop and windows, actions and processes. Also popular with students are the RHVoice Speech Synthesizer Pack, Ukrainian Speech Synthesizer Anatoly, ElPicsPrint, ABBYY FineReader, JAWS, DuxburyBrailleTranslator and more. Internet access provides immediate access to any information resources and services, enabling you to receive, receive and process information online.

Often, children with physical disabilities spend all their free time online using their computer. To make this pastime interesting and instructive, you can use the following Ukrainian web resources: «Levko», «Our children», «Pustunchyk», «World of the child», «Merry alphabet» and others. For children interested in information technology, you can take one of the many courses on the site «Informatics – Distance Education» at: /dystosvita.gnomio.com/. Prometheus, Educational Era, Edu Get, and more are also popular platforms for distance education in Ukraine.

With the expansion of the Internet, teachers have the opportunity to post their own lessons or courses, as well as to run their own websites and blogs. By running their own blogs, educators have the opportunity to effectively organize the learning process with a number of advantages: openness of information content for all participants, promptness of information placement and access to it, independence from the individual training schedule, interactivity.

Sites and blogs provide teachers with significant changes to the communication process. Using web technologies in their activities, the teacher is able to publicly post information on their own pages, giving students access to the tasks. They also help students work together and centralize the storage of related documents on one site.

Based on an analysis of the benefits of using digital technology in the learning and adaptation of children with special educational needs, it becomes clear that it is necessary to help these children master modern means of information processing. Children with special needs can learn modern digital technologies both at school during the educational process and at home. Therefore, it is first and foremost necessary to provide parents of such children with information on how their children can receive education, what inclusive education is, and how to place their child in a comprehensive school. To provide this assistance, the authors have developed a site called «Education for All», which contains the necessary information for parents and educators. The site was created using an updated version of Google Sites. The site development process is currently underway, including developing pages with souvenirs for parents about the rights of children with special educational needs, recommendations for teachers on inclusive education, and training programs to adapt these children to the classroom environment. Work on developing and collecting interesting tasks for teaching children the basics of information and communication technologies and supporting the study of school subjects is also ongoing.