THE ROLE OF ICT IN TEACHING BIOLOGY AT SCHOOL

Annotation: This article is about how to reflect on the role of ICT in the teaching of biology at school. The role of ICT is explained by the fact that biology is a research science that studies the interaction of living things with the environment.

Keywords: Biology, activity, textbook, diagram, science, planet, ecology, existence

Biology is the study of the interaction of living things with the environment. It is difficult to understand the parts of all organs and their functions when studying with the help of a textbook with one-dimensional images. Imagine a virtual presentation that depicts the activities of each organ. Such presentations are very convenient for students and they can remember for a long time. To make the teaching of biology more effective Students should be encouraged to develop and use ICT during their studies. Biology teachers can use a variety of software and other tools, such as MS word, MS Excel, MS POWER Point, Flash, Movie Maker, to create effective ICT for teaching. ICT encourages students and increases their interest in science. ICT helps students prepare for future activities. ICT is a new educational tool of the XXI century. ICT opens up new opportunities for learning and teaching. For the professional development of teachers, ICT allows them to introduce new methods of teaching in their subjects, to apply new approaches, to implement ideas and develop new skills. ICT allows you to use your rhesus wisely. By rationally managing and controlling the learning process, ICT saves time and money, saves the process of preparation for lessons and makes the learning process interesting and meaningful for students. ICT is for students of different ages, teachers of different levels. The rapid growth of information technology in the XXI century has intensively and significantly affected the positive and negative impact of information
systems on personal development and their risks and dangers not as a social problem, but as an environmental problem, as well as the upbringing of the younger generation. Researcher AA Jurin described the main details in his research about this. Nowadays, the balance between the human and the information base is based on both positive and negative relationships. At present, according to some statistics, this figure is 70% worldwide, and in the future it is projected to rise to 85%. The organization of seminars, symposiums, conferences on the problems of processing of information received and transmitted on the planet, on the one hand, encourages members of the scientific and didactic community to think more deeply, on the other hand, analyzes the quality and level of information sent, received and adapted provides us with the results of research aimed. The modern teacher's teaching methods must be very different from the teachers who worked 10-15 years ago and their teaching methods. Today, the teacher must be able to use the capabilities of computers and ICT, as well as the Internet. Use of educational programs, digital educational resources and information sources to find the necessary information and to choose the most suitable for solving scientific problems, from the media, as well as scanners, digital cameras, video cameras, digital microscopes, projection equipment I think it is necessary to know how to use them. We consider the positive contribution to the international requirements for the improvement of biological education in the Russian Federation to the introduction of innovative options for the use of innovative and information technologies in the improvement of biological education, based on their basic experience and research results. It is a requirement of the time that modern specialists should know about information technology and skills.

References:

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