



USE OF INFORMATION TECHNOLOGY IN EDUCATION: GOALS, TASKS, POSSIBILITIES

Siddiqov Ilhomjon Meliqo`ziyevich

Associate Professor of Kokand State Pedagogical Institute

Annotation

The article discusses the main pedagogical goal, tasks and possibilities of modern information technologies in the educational process, as well as the important advantages of using information technologies in teaching in relation to traditional lessons.

Keywords: modern information technologies, educational process, improvement of the quality of education, aspects of educational means of information technology.

Functional properties contemporary information technologies (IT) provide educational process implementation sets opportunities, which may contribute raising quality education. Many scientists, students processes informatization education, offer a bunch of ratings IT capabilities .

I.V.Robert considers possibilities computer With pointsvision target approach V learning And highlights the following main pedagogical goals use funds contemporary IT:

1. Intensification all levels educational process behind check applications funds modern IT :
 - improving the efficiency and quality of the learning process;
 - promotion activity cognitive activities;
 - deepening interdisciplinary connections;
 - increase volume And optimization search necessary information.
2. Development personalities learner, Preparation individual To comfortable life V conditions informational societies:
 - development various species thinking;
 - development communicative abilities;
 - formation skills accept optimal solution or suggest options solutions V difficult situations;
 - aesthetic upbringing behind check use computer charts,technologies multimedia;
 - formation of information culture, skills to implementprocessing information;
 - development skills simulate task or the situation;
 - formation of skills to carry out experimentallyresearch activity.
3. Job By implementation social order societies:
 - Preparation informational literate personality;
 - Preparation user computer means;
 - implementation career guidance work V areas informatics.

V.A.Krasilnikova added reviewed higher goals more oneimportant For pedagogical process - This improvement information and methodological ensure pedagogical activities:



- significant extension information and methodological support teachers And students;
- extension opportunities communication And cooperation on basis computer funds communications;
- providing opportunities continuous raise qualifications And retraining regardless from age, geography residence And time;
- Creation unified information and educational environments on basis active use of computer networks of various levels (global, corporate, local).

E.I. Mashbitz To set significant benefits use computer V learning before traditional occupations relates following:

1. IT significantly expand possibilities presentation educational information. Application colors, charts, sound, all contemporary funds video equipment allows re-create realenvironment activities.
2. Computer allows significantly raise motivation students To learning. Motivation is increased by applying adequate rewards correct decisions tasks.
3. IT involve students V training process, contributing most wide disclosure their abilities, revitalization mental activities.
4. Usage IT V educational process increases possibilities setting learning objectives and managing the process of their solution. Computers allow build And analyze models various items, situations phenomena.
5. IT allow qualitatively change control activities students providing at this flexibility management educational process.
6. Computer promotes formation at students reflections. The tutorial gives opportunity for students to visualize result their action, define stage V decision tasks, on which done error, And to correct her. Listed possibilities computer may contribute Not only ensuring initial formation personalities child, But And identification, development of his abilities, the formation of skills and desires study, creation conditions For assimilation V complete volume knowledge And skills.

So the way Can highlight some aspects educational funds IT:

1. *Motivational aspect.* Application IT promotes increase interest And formation positive motivation of students, because the conditions are created:
 - maximum accounting individual educational opportunities And the needs of students;
 - wide choice content, forms, pace And levels holding training classes;
 - disclosure creative capacity students;
 - development, How students, So And teachers contemporary information technologies.
2. *Informative aspect.* Here possibilities IT may be used:
 - at building interactive tables, posters And others digital educational resources By separate topics And sections academic discipline;
 - For creation individual test mini classes;
 - For creation interactive domestic assignments And simulators For independent work students.
3. *Educational and methodical aspect.* Electronic And informational resources may be used V quality educational and methodical escorts educational process.



4. Organizational aspect. ICT may be used V various options op-organization of training:

- at learning everyone student By individual program on basis in-individual plan;
- at frontal or subgroup forms of work.

Control and evaluation aspect. The main means of monitoring and evaluating education The positive results of students in ICT are tests and test tasks that allow realize various kinds control: input, intermediate and final [4].

Tests can be conducted on-line (conducted on a computer in interactive mode, result evaluated automatically system) And V mode off-line (assessment results carries out teacher With comments, work above mistakes).

IN connections With the above, Can highlight main directions use information technologies V basic school (rice. 1):



Fig.1. The main directions of using IT in the educational process of general education schools

Conclusion

So, the penetration of modern information technologies into the sphere education allows teachers to qualitatively change the content, methods and organizational forms learning. aim these technologies V education is gain intellectual opportunities students Vinformational society, A Also humanization, individualization, intensification process learning And promotion quality learning on all steps educational systems.



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