

overlay on the picture. When working with children of this age, art materials are used: gouache, watercolor, chalk pastels, pencils, ink. Art pedagogy sets itself the solution of the following tasks: to develop fine motor skills of the hand and visual-motor coordination to prepare for mastering the letter, to form the correct perception of form, size, color and the ability to transfer them in the image, to form the correct perception of space, to correct visual-spatial perception disorders.

**Conclusion.** Special correctional work by means of graphic activity can play a huge role in the prevention of these children not only violations of school skills, but also in overcoming violations of personal development and the formation of employment opportunities.

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## CLOUD-BASED TECHNOLOGIES AS A RESOURCE OF PROFESSIONAL COMPETENCES IMPROVEMENT

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Every year for introduction in educational process tens of programs are offered, allowing for training on the Internet, but the little elaboration of the methodological foundations of their application in practice, and the narrow focus of these resources leaves a large front of work for each teacher. Cloud computing in modern society is the most perspective direction in development of an education system, the relevance is provided with also broad application in all spheres of activity of the person and corresponds to realization of mobile training which provides compliance of the concept of informatization of an education system of Republic of Belarus until 2020.

The purpose of this article is to reveal the concept of cloud technologies and to bring the advantages of using such a resource as Google Classroom in the educational process, as well as to summarize the practical experience of using cloud technologies in teaching graphic disciplines.

**Material and methods.** Material for this article was educational process of teaching discipline of "Descriptive geometry, engineering and machine graphics" at the Polotsk state university of an internal and correspondence form of education. The model of studying of this discipline based on the Google Class was developed

and introduced, namely electronic courses for pupils in this resource are created and the system of lecture, practical, test and additional tasks is built.

For assessment of efficiency of this model in teaching graphic disciplines, the following methods were used: the theoretical analysis of essence of a concept of a cloud computing, generalization of advantages of application of such resource as the Google Class in practice, experimental check of the developed model in practice and also observation, testing and poll among students.

**Findings and their discussion.** The term "cloud computing" was approved only in 2007. "Cloudy" technologies (from English cloud computing) are understood as granting to the user computer resources and capacities in the form of Internet services and applications which at the same time use unlimited number of users [1].

Cloud computing contributes to the development of such qualities as the mobility, communicativeness, organization, potential to continuous personal professional growth demands that it demands modern information society.

For several years at the Polotsk state university the organization of a working environment to be made about use of Google services, namely for work with students of all forms of education of the Google Class.

The choice is caused by a set of advantages and possesses the fullest range of a cloud computing, constantly extending and developing for ensuring complex support of work of educational space (the teacher, the pupil, group), has a possibility of creation of classes (simplifies registration and creation of groups), will allow to organize individual occupations; it is available on a set languages and has the Russian-language version of pages of the portal, has the system of confirmations, notifications, reminders; has an interactive help system; maintains free of charge most services and it is optimized on mobile devices and the majority of e-books.

So for teaching "Descriptive geometry, engineering and machine graphics" communication with students is completely built on the Google service in the Classroom, namely the issuance of all materials on the discipline (multimedia lectures, tutorials, reference books, tasks for practical and settlement-graphic tasks), monitoring their performance

Use in practice the Internet of a Google service the Class in educational process, shows increase in level of the gained knowledge and professional competences, namely gives the chance:

- effective studying of a subject due to the mobility of receiving both educational and reference information,
- work remotely and perform tasks of any level,
- work in team, and gain skills of communication performing collective task, communicating by means of cloud computing,
- development of strategic thinking for the organization of the individual and collective work,
- rational assessment of the gained knowledge, acquired skills and further development of professional competences.

**Conclusion.** As a result of the introduction of cloud computing in the process of teaching of graphic disciplines, students will gain skills to

understand, perceive and use information of any complexity level quickly, at the same time performing works both individually and collectively being in direct contact and on remote access. All these contributes to the increase of the quality of educational process and stimulation of the growth of professional competences of future experts of technical specialties.

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## E-SCHOOL AS AN INNOVATIVE AREA OF TEACHING

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At this stage of development of pedagogical activity, one of the main places of innovation is e-school. This is a very young, but very promising project, which from the very beginning has established itself as the future of education in general. The e-school includes: interesting interactive lessons, an accessible online library, a direct link between the teacher and the parents of students. The opportunity for any schoolchild to learn from the methodical materials of the best teachers in the country, each child can receive a quality education without applying any financial costs to this. Interests and development areas for teachers have been taken into account, each teacher can prove himself, express himself, demonstrate his skills. Develop an interactive lesson, or a certain teaching methodology, which will be used not only in your lesson, but also the possibility of being freely available on the Internet for other teachers, to participate in the invisible rating of your colleagues. E-school provides an opportunity to visit the "open lessons" of the best teachers, learn from experience, diversify and replenish their activities with new material

The purpose of this article was to study the feasibility of using e-school, on the example of developing an interactive lesson in the visual arts.

**Material and methods.** The main basic research material is the Moscow e-school website. The methodology of this study is based on a comparative and systematic approach to the process of forming an interactive lesson. Research methods: study of educational and methodical literature, pedagogical observation, generalization of work experience of school teachers, comparison.

**Findings and their discussion.** "Moscow e-school" was created on January 2, 2016 No. Pr-15GS in order to provide the pedagogical space with methodological and didactic resources [1]. All materials are developed in the framework of the program of the Ministry of Education and Science of the Russian Federation. The aim of the project is to create a course of interactive lessons in all general education subjects that meet the basic educational