

POSSIBILITIES, ADVANTAGES AND DISADVANTAGES OF USING THE GOOGLE CLASSROOM PLATFORM IN THE EDUCATIONAL PROCESS

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Annotation:

This article is about the use of Google classroom for the application of distance learning technologies in the educational process, and the article covers in detail the effectiveness, possibilities, advantages and disadvantages of using Google classroom in the educational process.

Keywords: Education, Learning Management System, Reverse education, Google Classroom, Google Calendar, Google Docs, Google Maps, Google Translate.

Educational institutions are faced with the problem of providing the educational process with the latest innovations in computer technology and software, which requires large financial costs to provide the appropriate information service. The experience of developed foreign countries shows that the introduction of "cloud computing" into the educational process helps to solve the problems of computerization of education. The currently popular term "cloud computing" has been used in the IT field since 2008. These include free web hosting services for students and teachers. Special attention should be paid to Web 2.0 and Google Service IT applications. The maximum use of these technologies during the educational process is the best tool for the development of students as personnel who can use IT technologies perfectly. Web services are considered as network software that supports team communication. They can be used effectively in the educational process and in preparing students for the educational process.

One of the effective means of organizing lessons in modern education is the "inverted classroom" technology. In the conditions of educational informatization, the active introduction of the elements of "Reverse education" technology into the daily educational practice using the capabilities of Google Classroom meets the new requirements of the modern digital society. It allows students to be considered as active participants in the creation of their own knowledge and skills during the educational process.

One of the effective means of organizing self-learning space is to use the possibilities of LMS - Learning Management System. One of the most widely used content among many LMSs is Google Classroom.

Google Classroom is a cloud platform for organizing the educational process. The platform provides an opportunity to effectively organize an educational process based on the cooperation of teachers and students. Google Classroom offers a wide range of opportunities to organize the educational process: get authorized in Google Classroom and create your own educational course, add different courses in subjects, assign students to a class (course), create class assignments, evaluate and return graded assignments to students.

With Google Classroom, it is possible to organize various educational activities, both individual and collective. Using the Google Classroom platform helps to update educational content, expand pedagogical methods, introduce differentiated teaching technology, and organize distance education. With the introduction of new educational standards, the problems have also changed: the materials provided for the teacher may not be enough to direct the student to an individualized learning path and expand the learning environment. This means that the teacher must be an author and programmer. The problems should be highlighted:

- the teacher does not have sufficient powers to work with network services;
- there is very little mutual exchange of products created by teachers;
- have the experience of solving project issues in small groups consisting of teachers. The problem is that this group of teachers consists of the same permanent composition, and it is not possible to recruit other teachers for cooperation;
- most teachers have little or no experience in collaborative learning materials development.

The essence of Google technology helps students to be at the center of the pedagogical process, not only as consumers of educational content, but also as active creators of it.

Google Corporation produces and provides many programs and services that can be accessed from any browser connected to the Internet. The most widely used in the field of education are the following Google services: Google Calendar - an online calendar, Google Docs - an online text editor, Gmail - a free e-mail, Google Maps - a collection of online maps, Google Sites - a free one that uses wiki technologies hosting, Google Translate - online translation application, YouTube - video hosting. These Google apps give students and teachers the tools they need to communicate and collaborate effectively.

The main advantages of using Google services in education from the perspective of users:

- Minimum requirements for technical support (the only requirement is Internet connection);
- Google technology does not require the purchase and maintenance of special programs;
- Google supports all operating systems and client programs;
- All Google apps are free.

The Google Classroom application is a means of interaction between teachers and students in the field of science. Through Google Classroom, teachers can create courses, send and comment on assignments to students, and receive feedback from students.

Google Classroom is one of the programs used as an LMS. Google is very easy to use and set up. All information is stored in Google services: video lessons on YouTube, e-textbooks on Google Drive, course participants do their written work on Google Docs.

The online activity starts after the course is created and the password is distributed to the course participants. In the course, you can post announcements, add tasks, ask questions (the question can be discussed by the whole group, giving students the opportunity to comment on each other's answers).

An announcement is a text in which you can add files to Google Drive, videos from YouTube, and links to external resources. All files in the Google Docs format are stored in one copy (opened to listeners in read-only mode) or each user is given a copy that can be changed (edited). The user can organize documents in Google Docs (can create a text document), as well as create presentations or tables online.

Google Classroom allows the user to go truly paperless, improve the student body and provide a variety of instruction for students, save time, save paper, and create an inverter model of the classroom. Google Classroom is a useful tool when the teacher or students are out of class, so they can continue teaching and catch up on missed lessons.

Easy settings. Teachers can organize courses, invite students and other teachers to courses. It is very convenient to post assignments, announcements and questions during the course.

Let's be comfortable. Students can view assignments in the ribbon, calendar, or "Assignments List". All materials are automatically placed in folders in Google Drive.

Effective communication. In Google Class, teachers can upload assignments, post announcements, and discuss. Here, participants can also exchange information, post comments on the course feed, and communicate via email. Submissions are constantly updated, allowing teachers to quickly review assignments, assign grades, and add comments.

Integration with popular services

Google Classroom works with Google Docs, Calendar, Gmail, Drive and Forms.

Openness and security. Classroom is a free service. It does not contain advertising, and student materials and information are not used for marketing purposes.

Despite the fact that Google Classroom is a powerful platform, it is not without a number of disadvantages:

- It is not possible to organize webinars with students in Google Classroom. The teacher can use the features of YouTube or Google Hangouts, which allow to hold meetings with students;
- The open version of the Google Classroom service does not have an electronic journal. This feature is available to corporate users of Google Classroom;

- There are restrictions for course authors with personal accounts: the number of participants in the course does not exceed 250, and up to 100 participants can join in one day.

In conclusion, it can be said that despite the shortcomings recognized above, Google Classroom also has its own advantages, that this online platform can be fully used in secondary schools and, moreover, in higher education institutions.

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