

## FEATURES OF USING THE VIRTUAL BOARD IN ONLINE CLASSES

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*The paper considers the functionality of web services on the Internet for distance learning. The authors highlighted the main conditions for the introduction of distance technologies in the educational process. The example of studying the discipline "Pedagogy" shows the use of Google Meet, in particular, the use of the function "Conference Board".*

*Keywords: distance learning, digital competence, Google Meet, virtual board.*

At the present stage of the development of information technologies, the question of their effective implementation in all spheres of society. Internet services are used in various spheres of human activity, including education, which is currently impossible to imagine without the use of information technology. Informatization of educational institutions of Ukraine is a purposeful state educational policy: "State target program for the introduction into the educational process of secondary schools of information and communication technologies "One hundred percent" for the period up to 2015", Regulations on electronic educational resources, the Provision on Distance Learning, the Provision on the Distance Form of full General Secondary Education, the Law on Education, the Law on Complete General Secondary Education, the Concept of the New Ukrainian School and other state documents aimed at large-scale introduction of digital technologies in the educational process and transition to a qualitatively new level of distance education [1, 2, 3, 4, 5].

In the context of the coronavirus pandemic, educational institutions are rapidly moving to distance learning, and teachers of educational institutions are mastering new information technologies [6].

Successful implementation of the educational process in the conditions of distance learning is possible under three important conditions: access to the

Internet, logistical support, sufficient digital competencies of participants in the educational process.

All educational training programs provide in general competencies the ability to use information and communication technologies and the ability to work in a team. These competencies are especially important in the activities of the future teacher because he provides educational activities with children of the new generation - Millennials, also known as Generation Y. They born between 1990 and 2000" [1, p. 7] and already have skills of working with modern information technology.

Currently, there are many different services that allow future professionals to form these competencies, and teachers of higher education institutions to organize and conduct distance learning. One of these services is Google Meet. It is a video-communication service developed by Google. This service can be used in the educational process during the training of future specialists.

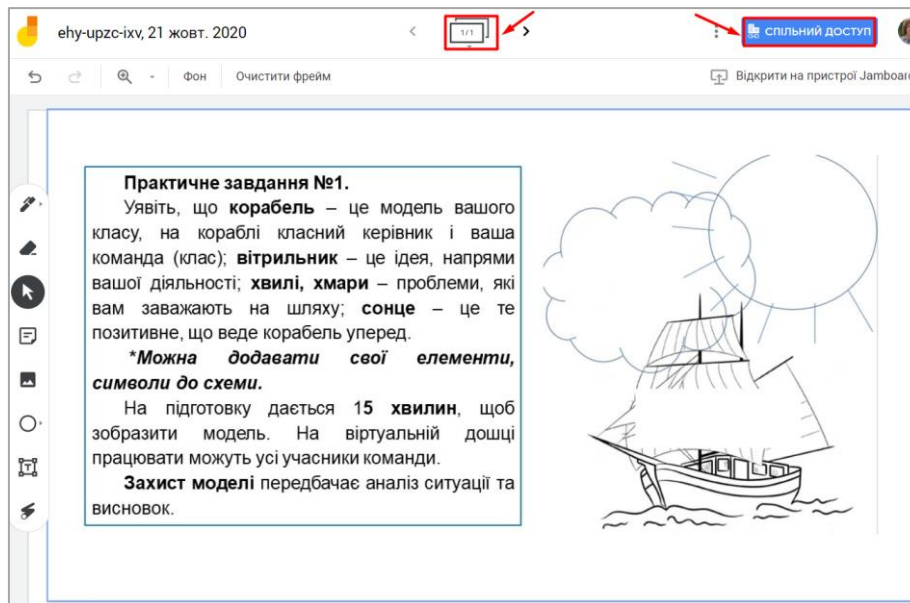
The teacher can use the Google Meet function "Conference Board" in the process of studying the disciplines of any component of the educational program.

Working with a virtual board is easy because participants in the educational process do not require a high level of digital competence. For example, when studying the course "Pedagogy", the teacher can use the virtual board in almost every practical lesson. Consider the example of studying the topic "Class teacher as an organizer of the pedagogical process" and the activities of students on the platform Google Meet using the function "Video Conferencing Board".

On the first stage using the virtual board, students are given a task that they must perform while working in a team (Fig. 1).

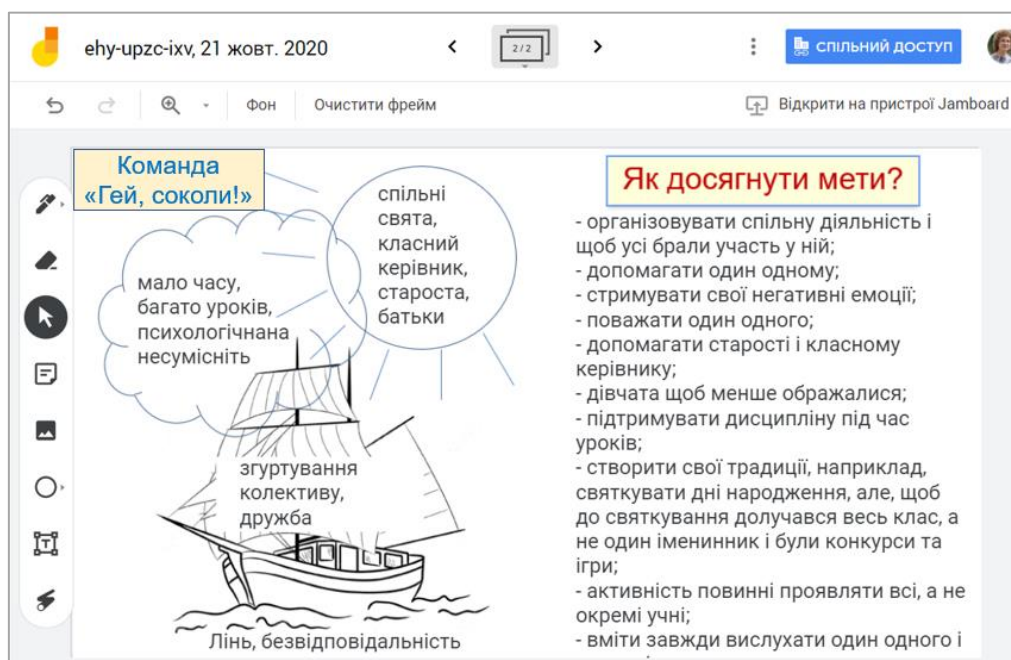
In order to organize teamwork, the teacher forms a group of students in teams of 5-6 people. The team chooses "its class teacher" who manages the work of the team, and defends the model of the class or instructs one of the team members to defend the model, makes generalizations and conclusions. The teacher gives each team the right to work on "their" board. All team members

have the right to write suggestions on the board, upload pictures, communicate with each other. There are no passive students in the process of work.



*Fig.1. A fragment of a practical task on the topic "Class teacher as an organizer of the pedagogical process"*

After all the ideas and suggestions are written on the board, the "class teacher" forms a "class model", makes suggestions to "students of his class". These activities directed to unite the student body and to establish friendly relations in the classroom. The students can use all tools for work together on the board: "Pen", "Eraser", "Note", "Image", "Shapes", "Laser Pointer" (Fig. 2).



*Fig. 2. Fragment of the final stage of the team's performance of a practical task on the topic "Class teacher as an organizer of the pedagogical process"*

In the process of performing a practical task by students, the teacher can monitor the work of each team, as well as the work of each team member. Students develop the ability to work in a team remotely, each of them has the opportunity to make their own version of the team, add symbols and diagrams.

Thus, the team "Гей, соколи" at the final stage of the task inserted a fragment of the Ukrainian song "Гей, соколи" as one of the favorite songs of Polish-Ukrainian meetings. It aroused the interest of other teams in the origin of the song. The most agile students found on the Internet the author of this song, Ukrainian-Polish poet-songwriter Tomasz Padura, who was born and lived in Ukraine. Finally, they found out an interesting fact that this music composition sounds in Jerzy Hoffman's film "With Fire and Sword". Organized work contributed not only to the accumulation of pedagogy's knowledge but also provided potential opportunities to involve students both in the knowledge of cultural and historical values of their nation and in the knowledge of the general cultural, world.

During the lesson, the role of the teacher was essentially reduced to the role of an arbitrator, and students had the opportunity to be in different roles: class teacher, teacher, student. The personal activity of each student has increased significantly. Students have increased the level of communication skills, increased interest in learning, they have learned to generate ideas, solve creative problems, work in a team, take the views of other team members, identify problems on the way to the goal and evaluate phenomena and events of school life.

The use of the Google Meet service provides an opportunity for teachers to successfully organize the educational process, and the creative use of the functionality of this service contributes to the formation of students' qualities necessary for future professional activities.

#### **References:**

1. The concept of the New Ukrainian School. Decisions of the Board of the Ministry of Education and Science of Ukraine 27/10/2016 [Electronic resource]. – Mode of access: <https://mon.gov.ua/storage/app/media/zagalna%20serednya/nova-ukrainska-shkola-compressed.pdf>. – Date of access: 25.10.2020.
2. The concept of development of pedagogical education. Order of the Ministry of Education and Science of Ukraine dated July 16, 2018 № 776. [Electronic resource]. – Mode of access: <https://mon.gov.ua/ua/npa/prozatverdzhennya-koncepciyi-rozvitku-pedagogichnoyi-osviti>. – Date of access: 25.10.2020.
3. The provisions of distance learning. Order of the Ministry of Education and Science of Ukraine dated 25.04.2013 № 466. [Electronic resource]. – Mode of access: <https://zakon.rada.gov.ua/laws/show/z0703-13#Text>. – Date of access: 25.10.2020.
4. The provisions on the distance form of obtaining a complete general secondary education. Order of the Ministry of Education and Science of Ukraine dated 08.09.2020 №1115. [Electronic resource]. – Mode of access: [http://search.ligazakon.ua/l\\_doc2.nsf/link1/RE35224.html](http://search.ligazakon.ua/l_doc2.nsf/link1/RE35224.html). – Date of access: 25.10.2020.
5. The provisions on electronic educational resources (as amended by the Order of the Ministry of Education and Science of Ukraine dated May 29, 2019 No 749) dated June 25, 2019 No 666/33637. [Electronic resource]. – Mode of access: <https://ips.ligazakon.net/document/view/Re33637?an=1>. – Date of access: 25.10.2020.
6. We learn and learn in quarantine: changes in the education system [Electronic resource]. – Mode of access: <https://mon-covid19.info>. – Date of access: 25.10.2020.