

FLIPPING THE COOPERATIVE CLASSROOM BY MEANS OF TED-ed ONLINE RESOURCES

The world develops very fast and the changes that happen around us have to be taken into account in all educational institutions. Teachers have to use up-to-date resources, constantly increase their level of professional competency, and moreover they have to be able to keep up with the modern students.

Among variety of ways of structuring work during the class, a cooperative learning can be called one of the most powerful tools if used in a proper way. *Cooperative learning* – is an educational strategy based on group-work and, the main feature of it is a *structured collaboration* of all members of each small group with the purpose of mutual help in the process of learning and optimization of interaction [1]. A plus of cooperative learning is the fact that there are many methods to choose from both for novice teachers and for experienced ones. The other plus is the availability of a huge number of resources on cooperative learning which can come in handy for any topic or student's skills level. Furthermore, the usage of cooperative learning in the classroom can be extended by means of online resources.

The ability to engage students in the educational process outside the classroom with the help of online resources and digital devices is a huge advantage of modern education. In the cases when there is a lack of class time for covering certain theoretical material and when a teacher is eager to devote more time to active interaction during the class a flipped learning model can become quite beneficial.

In the Flipped Learning model, teachers shift direct learning out of the large group learning space and move it into the individual learning space, with the help of one of several technologies [2, 3]. Teachers record and narrate screencasts of work they do on their computer desktops, create videos of themselves teaching, or curate video lessons from internet sites such as TED-Ed and others [2, 3]. Flipped learning model allows teachers to focus what students understand or don't understand in the process of active interaction in a cooperative face-to-face mode instead of lecturing content which students can cover on their own.

TED-ed website is a collection of video lessons developed by the teachers from all over the world. TED-ed enables any teacher to use this large database of video lessons in a variety of topics. Besides, any teacher can develop his/her own lesson using a video from YouTube or upload his/her own recorded lecture. Such tools as "Watch", "Think", "Dig Deeper", "Discuss" provide students with tasks a teacher wants to assign them (e.g. multiple choice questions to check understanding, research and discussion topics etc.) and monitor them (*Fig. 1*).

The algorithm of flipping a cooperative classroom with the usage of TED-ed video lessons would presuppose the following stages:

1. Class 1. Pre-teaching a certain topic in a cooperative learning groups during face-to-face interaction.

2. Class 2. Choosing a relevant video which would cover the a new information within the pre-taught topic for home assignment and explaining students the peculiarities of the website.

3. Students watch the video and do the tasks at home.

4. Class 3. Structuring the cooperative group work on the topic of the video.

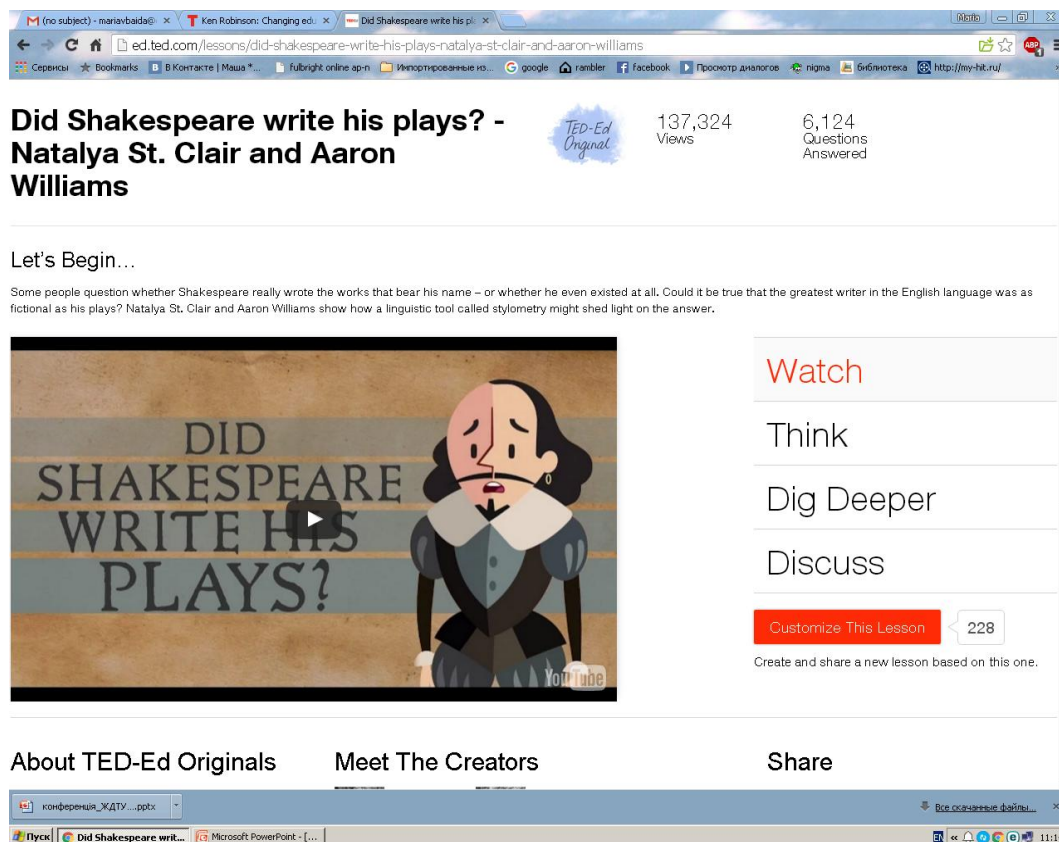


Fig. 1. Example of the TED-ed video lesson [4].

To sum up, a modern teacher can choose from a variety of educational methods and online resources to engage his/her students into active educational process. Blending cooperative and flipped learning can make students more independent in acquiring knowledge and, as a result, increase positive learning outcomes.

REFERENCES

1. Baida M. Content analysis of terms “Cooperative learning” and “Collaborative learning” / M. Baida // *Paradigmata Poznani*. – Sociosfera – Prague, Czech Republic – 2014. – №2 – 315 p. – p. 252 – 257.
2. A review of flipped learning [Электронный ресурс]. – Режим доступа: <http://www.flippedlearning.org/review>. – Загол. з екрану. – Мова англ.
3. 7 things you should know about flipped classrooms [Электронный ресурс]. – Режим доступа: <https://net.educause.edu/ir/library/pdf/ELI7081.pdf>. – Загол. з екрану. – Мова англ.
4. TED-ed. Did Shakespeare write his plays? [Электронный ресурс]. – Режим доступа: <http://ed.ted.com/lessons/did-shakespeare-write-his-plays-natalya-st-clair-and-aaron-williams>. – Загол. з екрану. – Мова англ.