

# TA'LIM, TARBIYA VA INNOVATSIYALAR

*II son, Yanvar*

## ORGANIZING NEW TEACHING METHODS AND INNOVATIONS AT TERTIARY EDUCATION

**Mushtariybonu Fayzullayeva**

*Student's name, UzSWLU, English faculty- № 3,  
a 3<sup>rd</sup> year student 5c43eew*

**Lola Xayrulloeva**

*Scientific adviser: teacher of UzSWLU*

**Abstract.** *This article examines what the innovation is in education, why the innovations and new methods are important in education and the most common methods, such as Flipped classroom, PBL (Collaborative Classroom projects, technology projects), Video-assisted learning.*

**Keywords:** *ICT, techno-phobic, PBL, Flipped classroom, video-based learning, multi-sensory.*

To begin with highlighting a famous saying by Bertrand Russell, "More important than the curriculum is the question of the methods of teaching and the spirit in which the teaching is given". Obviously, it should be organized foster innovations to extend education opportunities to the hardest-to-reach learners.

Nowadays, we live in an era of Information and communication technology (ICT), which has initiated new possibilities into classroom. It has made a deep impact on perspectives about teaching and learning, this process is mentioned by Bhavnagar university researchers like marriage between education and Internet technology. According to this, no one is able to discontinue new innovations from replacing with outdated methods, since students already exhausted hours of tedious lectures and taking long-winded notes. Therefore, in modern education system there is no place for techno-phobic teachers.

Innovation in education is not specific term with fixed definition and it is only required to memorize. Innovating means to make improvement in something or do something in a new way. So, our purpose is making improvements in education or changing methods in order to get higher results. And it is important to note that innovation in education means more than technology that is to say using new gadgets or other tools are inadequate for our targets. It means that when you want to write accurately, buying new pen and changing the old one is not likely to gain your goal. Accordingly, you also should get better your handwriting as well, and then you have tendency to acquire what you want.

Thus, we have known what is innovation and now it is preferable to combine word innovation with methods so as to originate term of innovation in education. For being more clear, it needs to supplement some new methods and innovations, which have been used for recent years education system.

First of all , one of the most common pedagogical technique is **Flipped classroom** that means tutors send materials, which will be in the next lesson, before class and students learn them where or when they want so that learners feel more convenient , as well as free, and then during the lesson they doing exercises or quizzes in order to consolidate the theme. By using of this method, most students or pupils tend to participate in lesson more so that both scrutinizing and attending to lesson topic assignments at the same time may be challenging for learners. Additionally, students use their electron gadgets for education outside of lesson instead of social media or game apps and etc, which results in preventing of wasting time.

Moreover, there can be no doubt that **Project based learning (PBL)** is also usual as a flipped classroom which is mentioned above. In Project based method learners are engaged in their studies through up-and-coming researches. The most notable benefit of this technique is that it allows students to learn by doing. When students are actively involved in projects, they are more likely to retain what they have learned. Additionally, project based learning can help students develop 21st century skills such as critical thinking, problem solving, and collaboration. [6] PBL has own several examples and couple of them will be given below:

- \* ***Collaborative Classroom projects*** - in this type of project, student should be divided into groups and each group is responsible for fulfilling task or solving problem, which is given by tutors. This pedagogical method can be used at any subject , such as IT, biology, math, history or English. While students attending to the project, they have a chance of sharing knowledge and gathering information together through e-researches.

- \* ***Technology projects*** - with this strategy it is easy to engage students in technology and it requires to use technologies to accomplish the assignment and deal with problem. And all of them can lead to learn about various hi-tech devices ( Starboard, Digital textbook, smart tables, 3d printers) or softwares, such as Dreambox, Educreationand, how to use them. According to Market research future, the 3D printing market is regarded to increase from \$12.6 billion globally in 2021 to \$35.4 billion globally by 2027, which means year by year such kind of tools places main part of education.

Last but not least, **Video-based learning** is a remote training method that relies on live or prerecorded video to teach new skills and knowledge. Video-based learning uses images, graphics, on-screen text, and audio to deliver a multi-sensory learning experience that fosters engagement and knowledge retention. Video-based learning has been for long time and it is as traditional methods in education. But devices, which are used during the lesson, are being modernized.

To sum up, as time goes by, new innovations are being created every moment and it is impossible to list each one. The methods and technologies which are mentioned above are just examples selected from among thousands. Apart from given in this article, other innovations are also helpful, to be specific any new innovation is not pointless if we know how to use it in order.

**REFERENCES:**

1. August 30, 2022 Course method [https://coursemethod.com/edtech-industry-statistics.html?utm\\_campaign=elearningindustry.com&utm\\_source=%2Fthe-future-of-learning-educational-technology-trends-to-watch-in-2023&utm\\_medium=link](https://coursemethod.com/edtech-industry-statistics.html?utm_campaign=elearningindustry.com&utm_source=%2Fthe-future-of-learning-educational-technology-trends-to-watch-in-2023&utm_medium=link)
2. Dilip Barad October 2009. Experimenting ICT in teaching English language and literature. AsiaCall Online Journal. Bhavnagar University, India
3. 12 Project Based Learning (PBL) Examples | Creative Learning Systems ([smarttablearning.com](http://smarttablearning.com))
4. Immanuel Vinikas Updated June 29 2022. Video-Based Learning Strategy video based learning
5. Sam Thompson January 9, 2022. What Is Innovation in Education and Why It's Important? Kaltura
6. Sam Thompson Updated October 26 2021. Flipped Classroom – All You Need to know <https://corp.kaltura.com/blog/flipped-classroom/now>
7. Strengthening education systems and innovation. UNICEF <https://www.unicef.org/education/strengthening-education-systemsinnovation#:~:text=Innovation%20in%20education%20means%20solving,the%20scale%20of%20the%20challenge>