



# E Conference World

International Conference on Interdisciplinary Studies and Scientific Research

Hosted online from Geneva, Switzerland

Date: 30<sup>th</sup> October, 2023

Website: <https://econferenceworld.org/index.php/ecw/index>

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## CREATING A CONTROL TEST IN PLICKERS

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The development of electronic education technology provides such opportunities as the structure of the educational strategy in the electronic education system and the provision of educational materials for each student individually. In accordance with this, the costs of production, the growth of constant requirements and the necessary evaluation and management qualities in the implementation of the electronic education system were formed.

Current methods of evaluating the quality of the automated educational system from the point of view of the results of the learning process, as well as these methods are general and sufficient to manage the quality of various stages of the life cycle of the electronic educational system. does not allow. For this reason, it is necessary to develop the criteria and methods of evaluation of the quality of the electronic education system, which allow the management of the quality of the educational process, the stages of introduction and use.

There is a need to clarify the functioning of the classification system and the measurement features in the evaluation of the acquired knowledge of students in the studied subject, in which all the features of teaching are embodied. Innovation is affecting the education system as well as many other areas.



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The use of new technologies in education is a necessary factor. As the information space expands, the possibility of receiving them also increases. Time is important in organizing the teaching process in educational institutions. Plickers technology can be used in all aspects of education, from elementary to higher education, to achieve high efficiency while saving time and energy.

QR-code is a specially coded piece of information, an image in the form of a square. It can be simple text, web address, phone number, location of a certain place, etc. Nowadays, modern phones with a camera make it possible to easily read information hidden under a square image. For this purpose, we can get coded information by simply pointing the phone camera at the QR code.

QR-code is derived from the English words "Quick Response", which means "Quick" and "Response". This system was created in 1994 by the Japanese company Denso-Wave. One QR-code can contain 7089 numbers, 4296 numbers and letters, 2953 bytes in the binary system or 1817 hieroglyphs. Currently, there are many programs for reading QR codes. The most common of them are: Bakodo for iPhone devices, and Barcode scanner for Android devices.

This includes the Plickers software used in Plickers technology. Plickers is a program that makes it easy to instantly review the answers of the whole class and collect statistics. The efficiency of working with the class (parents, audience of listeners), mobile applications is very high, and this process takes only a few minutes. The advantage of this program is that the teacher can test the knowledge of the students and the students, and the students do not need smartphones or computers.

Convenience of Plickers technology: For the teacher - time savings are achieved.  
- the teacher does not need to check and evaluate each student's notebook. For the



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teacher and student - the group and individual mastery of students will be known within a few minutes. - Pupils will not be able to move from their friend next to them. For the student - this process is carried out in the form of an interesting game. - until the next time, motivation to acquire new knowledge is created. Necessary equipment: Smartphone (with a quality camera), internet, computer (laptop), TV or projector.

The Plickers service allows for instant feedback from the classroom (audience of parents, listeners), mobile voting and requests for completed or current material during face-to-face training, instant recording of lesson attendance. Working with the mobile application does not take more than a few minutes. Obtaining survey results occurs in the classroom without lengthy tests. Availability of smartphones or Students do not need a computer.

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