

IMPROVING THE METHODOLOGY OF USING SOFTWARE TOOLS FOR THE FUTURE INFORMATICS AND INFORMATION TECHNOLOGY TEACHER

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Anotation:

This article is about improving the methodology of using pedagogical software tools for future informatics and information technology teachers. The article describes the capabilities of the Quizizz platform and the methodology of its use.

Keywords: informatics, school, program, course, trend, method, test, question, presentation.

It is necessary to improve not only the methodical activity of the future informatics and information technologies teacher, but also to improve the method of using pedagogical software tools is one of the urgent problems of today.

In today's information and communications development, the effect of simple traditional lessons on students is considered low. Passing every lesson using information technologies is a requirement of today. During the lesson, you can use a number of free programs and sites from various pedagogical software tools to provide new knowledge to students and monitor their knowledge. One such free platform is Quizizz, a learning platform that offers several tools to make the classroom fun, interactive, and engaging.

As a teacher, you have opportunities to create engaging lessons for students (of all grade levels), conduct formative assessments, assign homework, and other interactions.

The Quizizz platform has the following features:

Instructor paced Lessons/Quizzes: Teachers control the pace; the whole class goes through each question together.

Student paced Lessons/Quizzes: Students progress at their own pace and you see a leaderboard and live results for each question or lesson.

Bring Your Own Device (BYOD): Students always see the content on their own devices, be it PCs, laptops, tablets, and smartphones.

Access to millions of Quizzes: Import any public quiz as-is, edit and customize them.

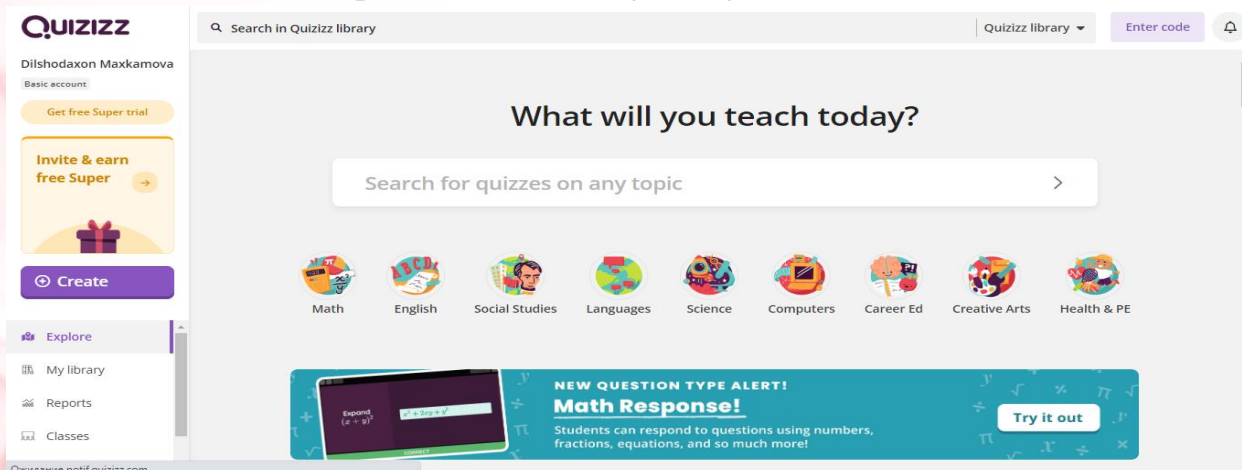
(Quiz + Lesson) Editor: Choose from 6 different question types to add images, video, and audio to teleporting questions from other quizzes and lessons.

Reports: Get detailed class-level and student-level insights for every quiz. Share with parents/guardians to monitor student progress.

Options to Customize: Options to customize your quiz sessions to toggle the level of competition and speed.

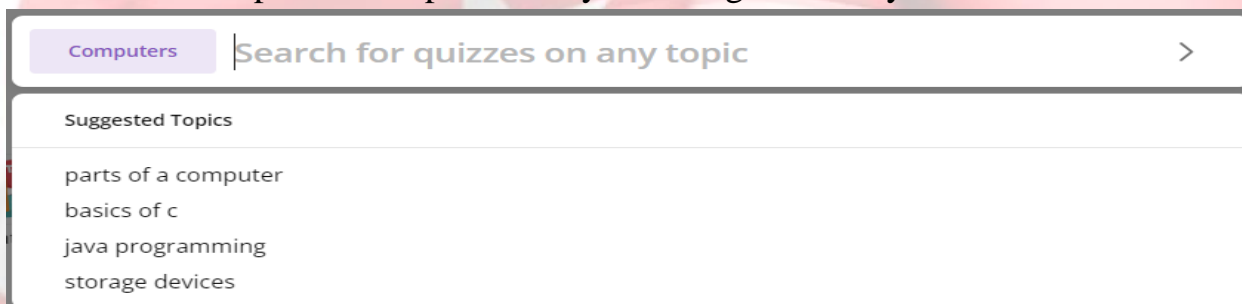
Sharing & Collaboration: Share your quiz with other instructors and/or ask them to be collaborators.

A live quiz helps students with real-time learning, by accessing the quiz from any device. Your student(s) can access a live quiz without having to log in via a conference tool.



Pic. 1

The quizzes platform has thousands of ready-made tests and presentations in Maths, English, Social Sciences, Science, Computers, Career Ed, Creative Arts, Health & PE and many more. You can search for topics on the platform by choosing the field you like.



Pic. 2

If you don't like it, you can create your own.

To create a quiz, follow these steps:

Click on Create from the left navigation pane and select the Quiz option

Name and tag the quiz appropriately. A maximum of 3 tags are allowed per quiz.

Create questions using the Quiz Editor. The supported formats to create questions are –

Multiple Choice

Check-Box

Fill-in-the-blanks

Draw

Open-Ended

Poll

Match

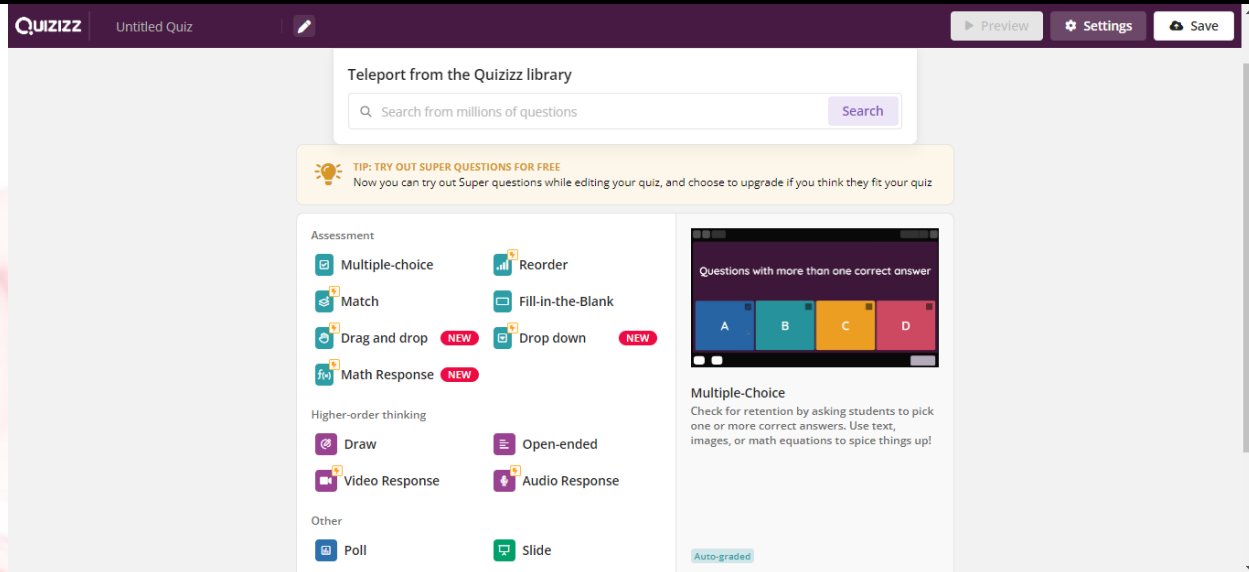
Reorder

Audio Response

Video Response

Drag and Drop

Drop-Down



Pic.3

Type your question within the dialog box and add options. You can also -
Edit the options

Add math equations

Add images to questions and options

Add audio and video to your questions

Add options and mark the correct answer. Multiple answers are chosen via the checkbox format

Add an explanation for the answer if required

Choose the time allotted to answer a question. You can select this per question or make it consistent throughout a quiz

Save the question

Save the quiz once all questions and answers (along with options) are added

Publish the quiz. This quiz is now available in your library to start a live quiz or assign as homework

With the new Quiz Editor, you can add Google images (protected via SafeSearch), search and add YouTube links directly to your questions, have a separate window for Answer Explanations, and optimize teleporting with smarter filters.

To create a quiz using the new Quiz Editor, follow these steps:

Click on Create from the left navigation pane and select the Quiz option

Name and tag the quiz appropriately. A maximum of 3 tags (of subjects are allowed per quiz)

A pop-up dialogue box lists all the improved features of the new Quiz Editor

Create your questions and provide answers as options.

Type your question within the dialog box and add options. You can also -

Edit the options

Add math equations

Add images to questions and options

Allow students to draw their answers either on a blank white space or on an image

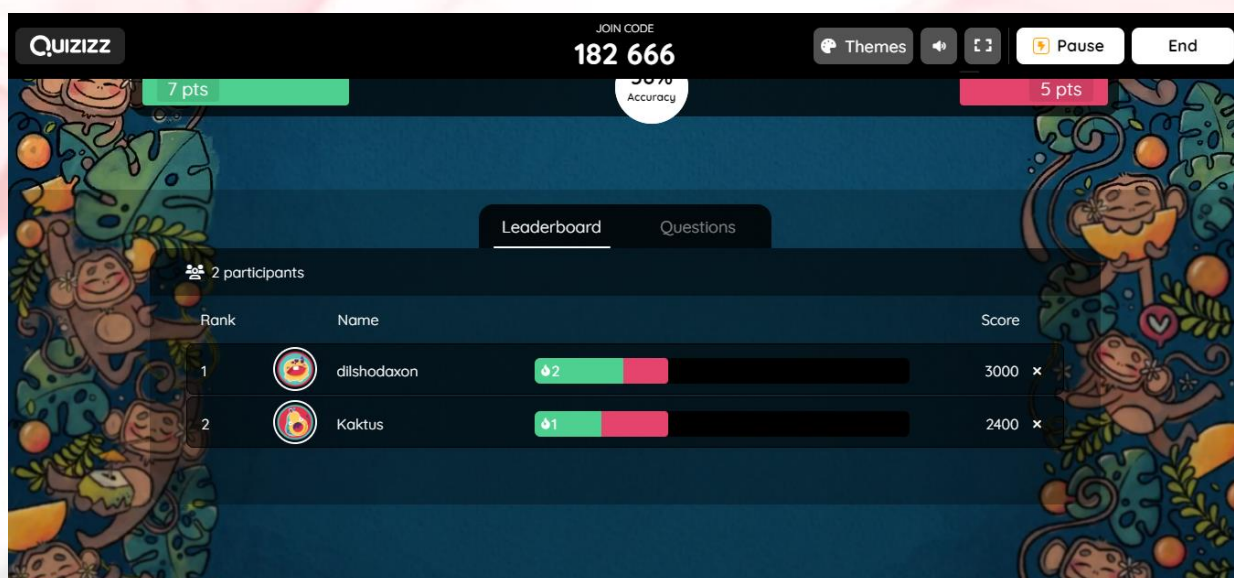
Provide Answer Explanations, by clicking on the bulb on the right. Click on the Back arrow to come back to the question

Choose the time allotted to answer a question. You can select this per question or make it consistent throughout a quiz

Save the question

Save the quiz once all questions and answers (along with options) are added

Publish the quiz. This quiz is now available in your library to start a live quiz or assign as homework



Pic. 4

You can access millions of publicly available quizzes and lessons created every day by the teacher community. Organizing classes using platforms like Quizizz helps to improve the quality of education. In conclusion, it is possible to say that by using pedagogical software tools, students' interest in the lesson increases, they start to think creatively, difficult lessons are mastered like an easy game, and they become active during the lesson. Platforms like Quizizz should be used not only by informatics and information technology teachers, but also by teachers of other subjects.

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