

Educational technology review: Nearpod platform

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An Overview to Nearpod

Nearpod technology can be analyzed for different settings creating a general overview that everyone can understand. Instructors monitor the operations and activities happening in the class, and learners can fully cooperate. The front of the class mode is set ready; video projections are made even when they are not joining their devices already having the link sent to them before the class. Students can record their answers for checks. Altogether, learners and instructors can do video watching together, and pauses are made at crucial moments for exploration and discussions. Consequently, this platform forms the basis of this paper to discuss its features and application in education.

Introduction to Nearpod Technology

Nearpod is an interactive platform utilized in the learning process , which provides room for interactions between the students and their instructors, limiting distractions and multitasking. Generally, Nearpod is an online presentation platform allowing professors and learners to engage with one another, create record completions, and create tracking of operations. The tools used in Nearpod include a quiz, draw it, virtual field trip, matching, and collaboration, among others (Wang, & Chia, 2020).

Instructors can also create polls and collaborative boards in Nearpod for different reasons that help the people in full engagements. Launching Nearpod entails opening the application on the user's device and logging in with a username and password that is already set. Using Google account credentials in logging in is also allowed. Different languages can also be used in Nearpod when one puts the preferred language if they are not interested in using English by checking the available international languages and selecting the preferred one.

Applying Nearpod in Practice and how it Works

There are several ways of applying Nearpod in its practice to offer the person using it the best possible services. Simple presentation delivery is one way of applying Nearpod in learning. In simple delivery, Nearpod is used as a substitute for other presentation methods. Substituting PowerPoint slides makes the presentation more interactive, as one can drag and drop the slides with ease and convenience (Hakami, 2020). Nearpod can be applied as a personalized provision presentation meaning it can be used by a teacher on a single student and with more effectiveness.

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Low attaining students may benefit from the use of Nearpod because of the personalization of presentation. Using the Nearpod application to make distribution of resources is another method of application in a classroom. Filling the display with relevant materials like images and worksheets, then requesting the students to save them to their drives for future access is a better way to use the application in resource distribution. Customizing live formatting assessments is another way of applying the Nearpod encouraging formation of Quizzes, Polls, Open-minded Questions, and matching pairs.

For this case, the teacher gets an insight into how the class understands the content being taught. When students complete a set Quiz, Nearpod creates a teacher report, another useful method of utilizing Nearpod. The created report can be accessed directly from the application when

it's entirely created automatically and downloaded as PDF reviews and other document forms. This feature helps the teacher fully understand the progress of the learners. With this feature, the grading is done by the application, automatically relieving the teacher of manual grading.

Self-assessment for primary and secondary school learners is standard, and the Nearpod application can help the learners perform this assessment for themselves. With different outlines like colouring depicting further understanding, the learners can evaluate their knowledge using the Nearpod application. Utilization of open-ended tasking feature in the Nearpod application is another great way of using the application. This feature allows teachers to create a scenario for learners to respond to and enhance their creative writing skills. Setting a Nearpod-paced Code for learners is an excellent way of enabling them to perform homework at their convenience.

Nearpod Users and Role in General

Nearpod is used by a wide range of people professionally, with most being teachers at different levels. Teachers at various levels use Nearpod for classroom activities. The teachers' role in the use of Nearpod is performing classwork activities, that is teaching the students remotely or physically (Ríos-Zaruma et al. 2019). For example, teachers create a presentation that they give to the students who, together with teachers, discuss and explore more of the work presented. In most cases, teachers use Nearpod as a teaching assistant in their teaching and use it as a substitute for PowerPoint. These instructors may be primary school teachers, secondary school teachers, or tertiary institution, teachers.

Other users of Nearpod are learners. The role of learners in the use of Nearpod is using the application to get the information that their teachers offer them during learning sessions. For example, learners can download uploaded materials like diagrams and worksheets and review them

conveniently. The materials uploaded in the application by teachers create a simple way for the learners to revise.

Nearpod Features

About eleven fundamental features make up the Nearpod application and ease activities' performance while using different devices. Polls are part of the elements, and they enhance the analysis of a situation through polling exercise by different people. Col laboration is also another feature in Nearpod. Other features include: Draw it, matching pairs, Quizzes, Open-Ended Questions, Fill-In-The-Blanks, Field trip powered by 360 cities, session reports, explore the library and student pacing. These features make the operation of the Nearpod application simple and effective for both students and teachers. The students' analysis of presentations and understanding is made easier by using these essential features.

Advantages of Using Nearpod

Establishing an orderly and conducive classroom environment for both teachers and learners is one of the many advantages of using Nearpod. This advantage occurs because the instructor can monitor the class's happenings, thus avoiding distractions and other forms of disturbances. Increase in beneficial learning and facilitation of socio -economic growth for the concerned people is another advantage of using Nearpod application learning (Davis, Gough, & Taylor, 2019). The interactive sessions between students and teachers and those between the students and other students build their relationships together. Increase in academically engaged spend time while reducing negative behaviours among learners is another advantage. Idling students are likely to engage in unwanted behaviours that may hinder their classwork performances.

Disadvantages of Using Nearpod

Time consumption in the creation and modification of presentations while instructors could use this time in classroom learning. The instructors have to take a lot of time in the design and formation of representations. This wasted time is useful if used directly in class. Leveraging one to one learning environment and reducing the student to teacher interactions is another disadvantage (Balasubramanian, 2017). The direct student to teacher interactions create more understanding of the concepts taught but with Nearpod; it is hindered.

Conclusion

Nearpod technology can be analyzed for different understandings creating a general overview that everyone can understand. Instructors monitor the operations and activities happening in the class, and learners can fully cooperate. Nearpod is an interactive platform for learners and teachers which provide room for interactions between the students and teachers, limiting distractions and multitasking. Simple presentation delivery is one way of applying Nearpod in practice. In simple delivery, Nearpod is used as a substitute for other presentation methods. Substituting PowerPoint slides makes the presentation more interactive as one can drag and drop the slides with ease and convenience.

Nearpod is used by a wide range of people basically on a professional basis, with most being teachers at different levels. Teachers at various levels use Nearpod for classroom activities. The role of learners in the use of Nearpod is using the application to get the information that their teachers offer them during learning sessions. About eleven fundamental features make up the Nearpod application and ease activities' performance while using different devices. Polls are part of the elements, and they enhance the analysis of a situation through polling exercise by other

people. Collaboration is also another feature in Nearpod. Generally, Nearpod is a crucial feature of learning and teaching.

Questionnaire

1. Where do you click when adding multiple-choice quiz?
 - a. Add content
 - b. Add web content
 - c. Add activity
2. Where do you click when adding a video?
 - a. Add content/ add web content
 - b. Add content/ add activity
3. Where do you click when adding virtual field trip?
 - a. Add content
 - b. Add web content
4. Where do you click when adding a link?
 - a. Add content/ add web content
 - b. Add content/ add activity
5. Where do you find student responses and assessments?
 - a. Create
 - b. Reports
6. Nearpod lessons are live or student-paced.
 - a. True
 - b. False
7. What are file formats of Nearpod lessons?

- a. PowerPoint
 - b. Google Slides
 - c. PDF
 - d. All of the above
8. Can students include slides that include videos and websites?
- a. Yes
 - b. No
9. With Nearpod, students are able to:
- a. Answer teacher-created questions
 - b. Respond to prompts
 - c. Answer prompts in short forms
 - d. All of the above
10. Students do not need an account to participate in a presentation.
- a. True
 - b. False
11. Students need an account to participate in a presentation.
- a. False
 - b. True
12. Student responses can be seen in report form.
- a. True
 - b. False
13. Student responses cannot be seen in report form.
- a. False

- b. True
14. User-created presentations can be downloaded in Nearpod.
- a. True
 - b. False
15. Which Nearpod features allow image annotation?
- a. Polls
 - b. Draw it
 - c. Short Answer
 - d. Quiz
16. It is possible showing a video on Nearpod.
- a. True
 - b. False
17. Nearpod slide allowing students to underline and circle.
- a. Collaboration
 - b. Draw it
 - c. Slideshow
 - d. Poll
18. Nearpod slide allowing user like another user's work.
- a. Collaboration
 - b. Draw it
 - c. Quiz
 - d. Poll
19. Nearpod is web-based tool that teachers and students can use to share information.

- a. True
 - b. False
20. Nearpod has built-in assessment features.
- a. True
 - b. False

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