Technology Development in Education

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Abstract: *A teacher should be a model to guide students. Students have choices of what fields they want to focus on. Also, a class should invite arguments and allow different ideas from students to shape the understanding of the teacher and the students, so that they can all learn from each other in the class. They will develop new learning strategies and create new ideas together. A class allows students to use technology to help them achieve significant improvements in productivity. Students can share their learning experiences, and the teacher can present valuable materials from online tools. Blended learning opportunities, such as face-to-face and online learning, can accommodate students' diverse learning styles (Stavredes, 2011). Students can choose online learning and take advantage of learning outside of school hours to reduce the cost of transportations (Johnson, 2013). Teaching techniques can be useful when the teacher wants to conduct activities in a class. The author will explain how to prepare technology in a class in order to facilitate teaching. The author will also bring the concept that students will learn knowledge and understand different cultures by using technology teaching methods.*

Keywords: Technology development, presentation software, engagement teaching system

1. Introduction

A teacher should be a model to guide students. Students have choices of what fields they want to focus on. Also, a class should invite arguments and allow different ideas from students to shape the understanding of the teacher and the students, so that they can all learn from each other in the class. They will develop new learning strategies and create new ideas together. A class allows students to use technology to help them achieve significant improvements in productivity. Students can share their learning experiences, and the teacher can present valuable materials from online tools. Blended learning opportunities, such as face-to-face and online learning, can accommodate students' diverse learning styles (Stavredes, 2011). Students can choose online learning and take advantage of learning outside of school hours to reduce the cost of transportations (Johnson, 2013).Teaching techniques can be useful when the teacher wants to conduct activities in a class. The author will explain how to prepare technology in a classin order to facilitate teaching. The author will also bring the concept that students will learn knowledge and understand different culturesbyusing technology teaching methods. Students will exchange ideas and gain an understanding of the cultural similarities and differences by using teaching technology (Kolb, 2017).

Technology can facilitate learning in many ways. For example, students can watch videosand do small group exercises by applying technology. By using the internet, students from everywhere can communicate and collaborate anytime, anywhere. Students can have internet access to evaluate online sources in determining your classroom policy on laptops and other personal electronic devices (Stavredes, 2011).

The teacher can make up creative ways to encourage the students to focus on the topics. Technology changed the learning environment to promote students' interests to learn (Bowen & Watson, 2017). Teaching by using technology is very important because it helps studentswith a hearing problem or an eye problem. Effective teaching technology is beneficial for students and teachers to meet their educational needs. Having access to more information outside of the bookswill provide students various ways to learn different concepts (Johnson, 2013). Students are encouraged to take notes on a keyboard (Johnson, 2013). It will be easier for students to type on the computer because when they write by hand, they might not be able to write everything. Also, students can edit words and make any changes at any time on the computer (Johnson, 2013).

Applying educational technology and using the internet as a primary source of information for both school and personal use (Johnson, 2013). The students should be allowed to use devices in a class because the device can improve the accuracy and efficiency when they study (Stavredes, 2011). If students do not have a good grasp of responsible communications, their careers could end before they even had a chance to start (Collins & Halverson, 2018).

The teacher can encourage students to sharetheir own opinions and feel free tosearch for digital libraries and textbooks for the class. Educational resources are available in the library, and the students who live far away from school can apply for the online writing center course to improve their writing skills (Johnson, 2013). Also, by regularly using creative teaching techniques, students can connect with the real world more efficiently. For example, the teacher can create an online blackboard to manage assignments and course design.Students can have access anytime to log into their onlineblackboard to complete tasks and submit their work on time. It is time-efficient and convenient for long-distance students, as well (Johnson, 2013).

The teacher can use presentation software to provide visual aids for complementing teaching and stimulating class discussions.Electronic devices will allow students to display the research results and give presentations vividly (Stavredes, 2011). Technology can also support students in creating new knowledge platforms and generating new ideas by applying technology (Stavredes, 2011). Online tools will help students who are shy to engage in in-class participation. The online engagement teaching system allowspeople to regularly check their assignmentsand provide feedback on courses so that the teacher can update information on time (Stavredes, 2011). Also, some students might do a better assignment or exam through an online blackboard rather than sitting in a classroom (Stavredes, 2011).

How Can Technology be Incorporated into Classes?

Encouraging individual learning and growth is essential. Technology can provide accommodations for disabled students with individualized instruction (Stavredes, 2011). They can learn at their speed and review recorded videos. Additionally, having access to the internet gives students a broad range of resources to conduct research. The teacherwillimplement technology in class to benefit thestudents,to reinforceconcepts, and to check students' comprehensive knowledge (Stavredes, 2011). It will help the teacher to track students' learning progress over time. In this way, the teacher can quickly identify problems for each student and provide extra support to those who need it.

The teacher can use technology to find different teaching and learning resources and to create personal learning networks with each student. Technology can help students to collaborate withthe teacher when doing a group project (Stavredes, 2011). With the assistance ofteaching technology, students with disabilities or mothers with multiple children can achieve their education goals easily (Collins & Halverson, 2018).Digital education can generate newopportunitiesfora classand allow people to engage in both on-campus and online courses. For example, through video conferencing, students and the teacherwho are in different locations can attend the sameclass (Shell & Kathleen, 2015). Video conferences, such as Skype and Go-To-Training, are helpful.Video conferencing can help professional studentswho have multiple jobs reduce travel costs and save their precious time when attending a class.

If the students have hearing impairments, the teacher will provide technology to help them catch up with other classmates and understand a concept promptly (Stavredes, 2011).The teacher can also create web pages or write notificationsthrough blogs. The teacher will create a class blog to post assignments or weekly class readings. The teacher willdisplay a class presentation by using sites like Youtube.com**.**By sharing related videos, students can search for more information through the platform to enhance their knowledge and understand a complex phenomenon.

2. Conclusion

Advanced teaching technologies can promote education dynamics and create a shared environment between the teacher and students. The comprehensive teaching system will provide personalized learning, delivery of messages, and a forum for student response. By observing pictures and videos in the class, students will remember essential messages, and they might create new ideas according to what they see (Stavredes, 2011).Different software provides the teacher with the ability to write and express ideas easily, as well as promote students' imaginations (Stavredes, 2011). The teacher can use televisions in class to display teaching videos or movies to initiate students' interests to research a topic. The teacher also can integrate traditional teaching methods and advanced technologies in a class. Students are responsible for writing papers and submitting them either online or by the hard copy to the office.The teacher mayintroduce links of the websites to be used,along with teaching plans to facilitate classes (Stavredes, 2011).

Students are responsible for learning about how to use technology to do research, collaborate, and solve problems in the class.

References

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