

## Uses of Technology along with Teaching in Today's Demanding World

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### **Abstract:**

*Using technology along with teaching has become a necessity in today's world. The effective use of technology, however, is open to question. Teaching techniques in the past have proven not to be as highly effective as using more of an advanced type of teaching, where technology is either wholly or partially involved to consider the different or mixed types of learners who tend to be more demanding than the past due to the constant change of the world. This paper is comprised of the results of a survey conducted on teachers in higher education on their own educational practices with technology, and how they'd occupy it in the teaching industry. It will also consist of the variety of different kinds of technologies that teachers can utilize effectively in their classrooms. As a result, lessons will appear clearer and more interesting on the students' part whose attention will be elicited by the use of technology.*

**Keywords:** learning, teaching, technology, education, advanced teaching

### **1. Introduction**

On one breezy colorful morning, Ms. Sarah, who is an English language teacher, came to class and taught her students the usual content of the book. She explained the whole chapter of the book by only reading the content and using the board occasionally to explain complex grammatical information. However, while she was teaching the content, she found that students' facial expressions mostly showed boredom, some of them have even gone fast asleep which she considered absolutely "rudeness."

According to her, students in the past absorbed information and were more attentive than today's generation. With all due respect to Ms. Sarah's efforts in trying to deliver the information, her strategy in teaching is not that interesting to today's generation who are so fascinated by technology.

In order to attract students, teachers must include some type of technology along with the lesson as it has a positive effect on the learning process according to a study by IT Trade Association CompTIA done on 75 percent of educators who agreed upon that area.

## **2. Survey on teachers' use of technology**

“Tell me and I forget, teach me and I may remember, involve me and I learn.”

— Benjamin Franklin

It is essential to note that part of involving students in the classrooms is to involve their world with them, which is "technology." They are always surrounded by technology. For example, most of my students read the news using their phones. Students of this generation grew up with a type of technology that have always been a part of their lives like TV screens, phones, iPads, etc. Therefore, it seems that technology plays an important role in teachers' classes these days. According to a survey done using surveymonkey.com on faculty members in higher education, 72% of the teachers always use technology in their classrooms. In addition, more than 61% of the teachers believe that integrating technology with teaching is extremely important, and that it actually makes the information appear clearer for the students. Moreover, one of the most used programs for teaching in the college is “Microsoft PowerPoint” where 83% of the staff members declared their frequent use of such a program.

It is important to note that showing students videos, for example, is part of involving them into the lesson because they'll be able to share their comments on what they've seen. They can also share their own liked videos to be discussed in the class. According to the survey, 70% of the teachers in higher education declared their lessons' involvement of videos. 27% of them said that they'd always use videos in their lessons.

Students should also be required to learn the use of the different types of technologies or programs that can be accompanied with presentations through their teachers. For instance, most students know that they can use Microsoft PowerPoint because more than half of the teachers regularly use them to deliver information.

## **3. Uses of Technology with Teaching**

### **3.1. Presentation Software and Educational Games**

Teachers can use Microsoft PowerPoint, for example, to present their lesson using photos, symbols, diagrams, tables or videos. These kinds of illustrations will definitely help in grabbing students' interest since Microsoft PowerPoint has everything ordered in a chronological way which would assist them in comprehending the point of the lesson in a better way.

Prezi is also one of the programs that can be used to present information. It is completely free, and it consist of a lot of dynamic texts or visuals that would probably increase the students' engagement with the lesson. In addition, Microsoft Sway is one of the programs that can be utilized to present information in a modern and a flexible way.

After the completion of each unit in a book, I sometimes prepare an educational game for the students using an application called Kahoot. It's a free app, and anyone can register as a teacher or a student. I put different questions for the students related to the previous unit with a specific amount of time. Then, I put a code on the board where the students can use to enter the

game immediately after downloading the app. students can access the game as groups with their labeled names that will appear in the projector in the class. It is a very competitive and an engaging game as I've observed in the class. At the end of the educational game, the three, four or five (depends on how many groups entered the game) groups' names will appear on the projector with their scores, and the team with the highest score will be the winner.

### 3.2 Videos

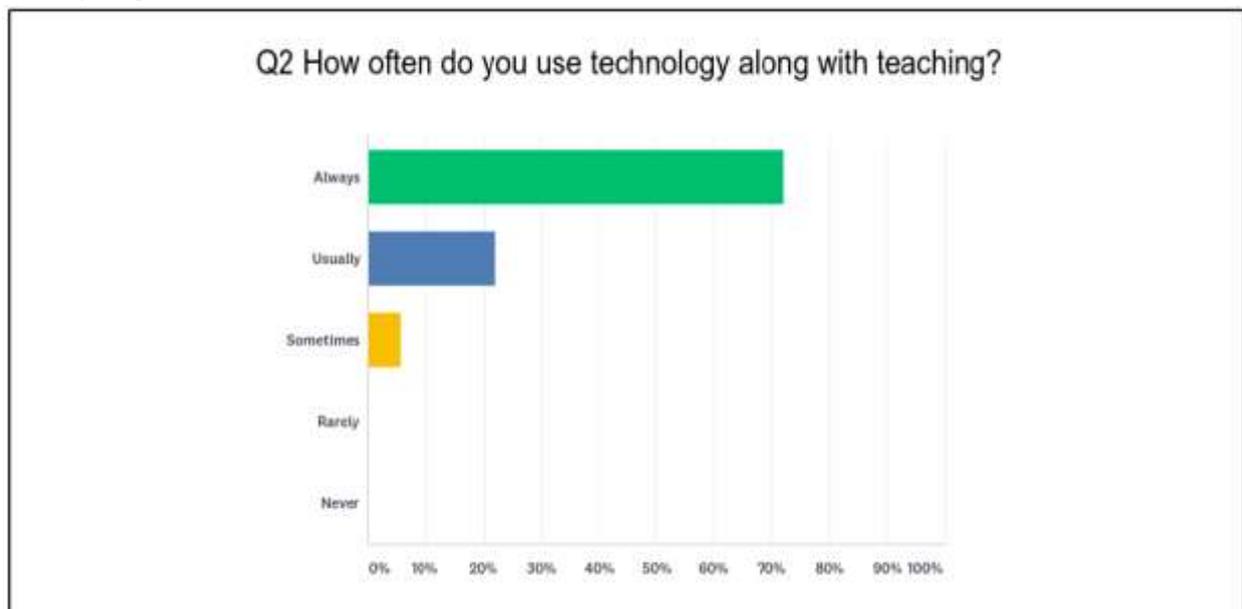
Videos add an extra, interesting and unique dimension to the lesson in many different areas of different topics or subjects for various reasons. This is also true specifically when you are teaching linguistic skills. First, students can actually see the language in use. In other words, they are not only hearing the language, but they are also seeing it being used in a video. That includes facial expressions, intonations and language all together observed and conveyed in a video which can enormously help in comprehending paralinguistic features. Therefore, texts are interpreted in a deeper manner.

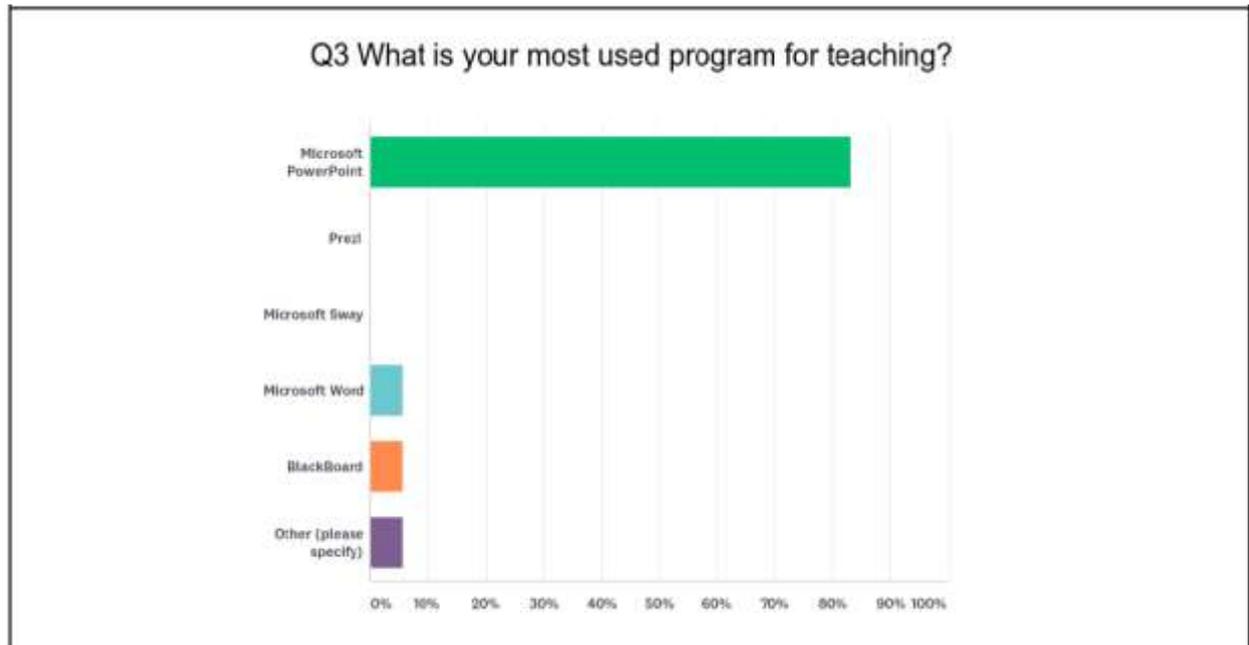
Second, videos are also powerful in presenting some cross-cultural awareness where students can understand and see situations beyond their classrooms. For instance, they can see and learn how other people in other countries use their "body language" for asking about certain things, or what these people usually wear, eat or say in certain occasions.

Furthermore, there are many different video types that can be used along with a lesson. However, they must be relatable to the lesson, enjoyable and acceptable to the students. For example, off air programs that are of a sensible length can elicit students' attention. However, it's important to note the copyright restrictions that may differ from one country to another.

Moreover, real-world videos like documentaries or feature films can also be used along with the lesson to enhance the learning experience. In addition, language-learning videos are the types of videos that are equipped with a course book, and they are very beneficial since they're designed to suite the students' level of comprehension. Some publishers produce free educational videos that can be utilized in a classroom.

### Survey Figures:





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