Trends in Emerging Technologies

In today's dynamic classroom, technology has expanded and influence not only the way teachers teach but the way students perform and think. Emerging educational technology encourage new opportunists in teaching and learning. Being creative in the design of informal learning spaces promotes new ideas encouraging students and teachers. Schools are currently recognizing the influence mobile technology have on students and also how it shapes the classroom and the way teachers teach and students learn. In addition, there are currently four technology trends in education that is expected to change the concept of learning.

1.**Augmented Reality**. The first technology trend, AR is an enhanced version of reality and one of the most sought-after-technology today. Augmented Reality brings elements of the virtual world, into our real world. It enhances the things we see, hear, and feel. Augmented Reality uses your existing natural environment and surface virtual information on top of it. It allows teachers to elevate their lessons, assignments and engages student by transforming the classroom. AR makes the real life environment around us into a visual interface by putting virtual objects in real time. This create multiple learning styles to actively engage learners.

2. Artificial Intelligence. The Second technology trend, AI is the ability of a digital computer or computer controlled robot to perform tasks related with intelligent being. For example, cleverbot is a web application that uses artificial intelligence to have conversation with humans. https://youtu.be/YmHVXDr13j4

Other types of AL are visual perception, speech recognition, translation between languages, etc. The purpose of the technology is to think as good as humans but eventually better. Schoolteachers often rely on test scores to judge how students learn, but it does not include many important aspects of learning. However, because of AI, computer scientist is experimenting how to see and listen in on classroom. This not only help and improve teaching but it helps engage the students more in the classroom.

3. Improved Accessibility VIA Learning Tech. The third technology trend, Improved Accessibility helps assist students with disabilities in and out of the classroom. Students are more able to learn in ways that meet their needs. They represent real opportunities with access to an inclusive education and help overcome the obstacle they met in classical education system. For example, a child with dyslexia might use an electronic worksheet to complete their assignments. These worksheets help students line up words and numbers on. This makes it easier for students to complete his or her assignments.

4. Data Privacy and Cybersecurity. As the technology in the classroom, continue to grow so does the need to protect student privacy. Due to the increase of student's device use, more and more students are exposed to the risk of having their personal information hacked. Furthermore, schools need to provide a safe productive digital environment for students. Cybersecurity remains a serious concern in 2018.

In conclusion, the trends in emerging technology help students and teachers in many ways. With these technologies a different environment for teaching and learning develops. It impacts student learning and provides students many different ways to learn. Trending technology also promotes creative ways for teachers to teach which motivates student's participation in the classroom.

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