E-LEARNING THROUGH TEXT-TO-SPEECH

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Since 1960’s, the Department of Education has been inculcating Information and Communication Technology in their approach in teaching 21st century learners. They are defined as many things and digital learners is one of them.

21st century learners are composed of the Generation Z or Gen Z and is the demographic cohort after the Millennials. Researchers from the American Psychological Association says that Generation Z starts from 1997. While being born on 1997, it is the first cohort to have internet as an information super highway and social media readily available at such a young age—also the reason why most children nowadays prefer playing through personal computers that actually going outside their houses.

With that being said, using E-learning in teaching would be immensely helpful to use as a form of scaffold to 21st century learners. One of the hundreds of brilliant ways would be the use of Text-to-Speech. It is a highly popular assistive technology in which a computer or tablet reads the words encoded on the website to the user. In addition, this form of technology is popular among students who have difficulties with reading or with disability like developmental dyslexia, alexia, and hyperlexia. With the auditory way of presenting the passage and data to the learners, they can just focus on the meaning of words and comprehension than spending all his brain power trying to properly speak out the words that they are reading.

This method could also be utilized with Graphic Interchange Format or GIF. This is a type of a computer file that contains a moving image or an animated one. With the
combination of the two, a teacher could produce a highly collaborative learning material which will be delightful to the 21st century learners.

References:

http://thesizelearningcoach.com/media/audio/text-to-speech-synthesizers/