

Roles of Teachers in Future Technology-Filled World



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Will Technologies Replace Teachers?

- This question was asked several times after each and every invention of new technology
 - printing press
 - Computer
 - Television
 - Internet
 - Social Media
 - Massive Open Online Courses

Recent Fads

- MOOC (Massive Open Online Courses)
- A Recent Report by BBC
- <http://www.bbc.com/news/technology-26722092>

[2014 NMC Horizons Report](#)

- **Trend #1: Growing ubiquity of social media**
- **Trend #2: Integration of online, hybrid, and collaborative learning**
- **Trend #3: Data-driven learning and assessment**
- **Trend #4: Shift from students as consumers to students as creators**
- **Trend #5: Agile approaches to change**
- **Trend #6: Evolution of online learning**

Education in School

- Knowledge Acquisition
- Process Acquisition
- Social Interaction

Local Context

- The role of the teacher is to provide the local context to the learning process which is lacking in most online material
- The teacher can also update the local context that may have changed over time

Jeff Dunn

- The technology is not the lesson, it is there to enhance the lesson.
- Teachers are not, and cannot be automatons handing out information to students. They are leaders, guides, facilitators, and mentors. They encourage students when they struggle, and inspire them to set and reach for their goals. They are role models, leading by example and giving direction when necessary. A computer can give information, but a teacher can lend a hand, or an ear, and discern what's necessary for a student to succeed, and to want to succeed.
- So yes, technology will play a critical role in the future of education. But not as big a role as that of a teacher.

Innovative Teacher with Technology

- Better textbook with hypertext and interactive on demand video and simulation model that allows students to learn difficult concepts more effectively
- Better assessment tool via interactive simulation technology
- Better learning environment