

Technology and Educational Gaps: A Literature Review on the Proportionate Infusion of Technology into Education

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Abstract : As technology continues to progress every second, educational institutions attempt to stay abreast of the latest developments through the acquisition of technological devices. Within schools, soft and hard technologies have assisted with reaching more students and expedient communication. As schools continue to grow, the need for simultaneous communication and efficient feedback has grown, and technology has allowed for these avenues to be explored and incorporated within a variety of daily operations. With the rapid inclusion of technology comes the potential for less face-to-face interactions among stakeholders. Although technology plays an integral role in education, the elements of both soft and hard technological devices must be proportionally utilized and coexist for the overall advancement and longevity of organizations. Over 20 articles were referenced to obtain a multitude of views on technology reflecting effects for students and teachers. Throughout this literature review, the effects of technology in the workplace will be discussed including views of current researchers, pros and cons surrounding technological inclusion, and implications for future research and further consideration. Upon the completion of the literature review, the benefits and necessity of technology remained high, however, low availability of resources, limited exposure to technological devices, and decreasing soft skills remained high as well. Recommendations are made for proportionate balances of technology and face-to-face interactions in order to minimize societal, educational, and organizational gaps.

Keywords : communication, devices, education, organizations, technology

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