TECHNICAL SKILLS IN THE 21ST CENTURY

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In a contemporary world, learners are expected to develop the attitude, skills, and knowledge necessary for their participation in the globally connected world, Ross (2017) highlighted in his publication entitled "Empowering Our Students with 21st-Century Skills for Today". He noted that these developments are vital in preparing them for a wider array of opportunities in their own respective workplaces. This century requires not simple intelligence but more importantly, the ability to formulate simple yet effective solutions amidst the complexity of the problems.

Technical skills are more applicable in industry and workspaces especially today that the employers are no longer rooting for the brightest but to the one with the skills to flex over. These technical skills will be the indicators of success at work and in life as much as the long-term effect is concerned. Considering the efforts of the educators to provide application-based teaching to the youngsters, it could be inferred that the students are becoming well-prepared in everything.

In developing such skills, the teachers are expected to include not only specific career-oriented classes, but also internships, apprenticeships and in-school programs designed to foster work readiness in their outcome-based plans (Jacob, 2017). There are also at least two ways the teacher could lean on to effectively hone the technical skills of the students. Based on a podcast published by McClure (n.d.), these strategies include demonstration of the subject matter and relating the course material to real-life situations. Therefore, the educator must possess all the knowledge and skills for him or her to demonstrate effectively the task being given by the curricular instruction. He or she must
also be able to think critically and realistically prior to how relevant the course is to life in the world that is not covered with the school fence.

Wills (2021), moreover, suggested that educators utilize 'front-loading' technique in order to determine the individual strengths of the learners since they might need different focus based on what technical skills they are good at. It must be noted that despite leaning on to a uniform instruction, individual differences in terms of skills persist among students. This must be strengthened enough so as not to mislead the learner in improving the skills he possesses.

The planet is revolving too fast that workspaces are shifting from requiring certificates of excellence to technical-based applicable skills. In industries where quantities and qualities are the focus, brains alone cannot suffice the job. This century requires higher cognitive understanding of the term 'skills' being defined as the mere ability to be flexible, dynamic, critical yet simple, and productive with quality. Technical skills will bring opportunities and chances to the learners and the educational sector could start such a big leap for them.

References:


McClure, N. (n.d.). Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course. The Idea Fund. Retrieved May 11, 2021 from ideaedu.org