

GEARING UP FOR THE EDUCATION 4.0

by:

RICHELLE G. PEREZ

Teacher II, Sto. Domingo Elementary School

The internationalization of education in the country is a giant step to revolutionize the system for it to be responsive to the challenges of the Education 4.0.

The world we live in has changed dramatically. It is evident that we are now in the age of the Fourth Industrial Revolution where most business and learning activities happen online. This has brought clamor to the government to work and focus on how to respond to the need of the global community. Changes in work systems, habits, mode and ways become evident in the different workplaces in the different organizations and agencies especially in the education sector.

Education 4.0 involves the use of tablets and smartphones as supportive tools in the classrooms and focused on smart and innovative technology. The 21st century skills the learners should possess include critical thinking, communication, collaboration and growth mindset.

According to Buenaventura (2022), learning can be anytime and anywhere now among learners as they can have remote and self-paced learning opportunities. Learning is personalized to individual learners. Harder tasks should be introduced after having mastered the pre-requisite competence first before learning new concept. Boosting students' confidence and reinforcing them can positively promote positive learning experience. Also, students have a choice in determining the way they want to learn. Since, we are developing independent learning, they must be guided and given sufficient guidance and supplementary materials that they need to learn and answer at their own pace. Options may include blended learning, flipped classroom and modular session if

needed (Santiago & Vera, 2021). Students should be exposed to more project-based learning where they can apply their knowledge and skills. They just need to perform specific task to see if they really learn the lesson or not. To further intensify their learning potentials, they must be explore filed experiences through internships, mentoring projects, immersions and collaborative projects. They can browse the internet on how to do certain tasks and eventually learn and apply it in their daily life. Students should be given chances to interpret data in which they are required to apply their technological and ethical knowledge to numbers and use their reasoning skills to make inferences based on logic and trends. Of course, assessment is a must. Thus, students will be assessed differently. The prior knowledge of the learners can be assessed during the instruction, while the application of knowledge can be assessed during their performance tasks. Students' opinions will be considered in designing and updating the curriculum. Based on the study conducted by Mendoza (2023), students' inputs help the curriculum designers maintain curriculum contemporaries, up-to-date and useful. Since our primary ai to develop independent learners, teachers serve as facilitators of learning who will guide the students through their learning process, demonstrating first on how to do certain things and soon allowing learning to do next and finally do the task together to make the learning process even more meaningful.

There is a need for our policymakers and other development actors to better understand the potential socioeconomic impacts of this revolution and how the country can benefit from it. The collective responsibility of all education stakeholders is of great importance to ensure that we reap the benefits of this revolution in a positive way and no one is left behind (Cruz, 2019).

I know that it is going to be difficult to a third world country like Philippines to revolutionize the system to respond to the challenges of Education 4.0 because higher fund is needed and willingness to learn new technical and soft skills is a prerequisite. I strongly believe that the quality of education we've been dreaming of is just within our

hands and reach. The internet has almost provided us avenues to acquire new knowledge and skills. We just need to understand and properly apply it in our daily living through our wide comprehension skills, management abilities and right values. Educators in this era simply become facilitators and just need to provide instructions and activities that students need to do. Learners, in this way, can undergo formal education while in at their homes through virtual platforms widely available online.

Education 4.0 allows us to expand our horizons in the most accessible and fastest way we could. During this time of pandemic, it would be very difficult at some circumstances due to the closure of business entities and other establishments and lockdowns. However, it would be also safer, easier and cheaper for some companies to make homes the workplace of the employees. Considering the socioeconomic and demographic status of our country, revolutionizing the system would be challenging to all. Thus, the government must address the need for this in order to cope up with the challenges of time and become responsive to the needs of the global community.

The Official Website of DepED Division of Bataan

References: