

EDUCATION 5.0: MODELS FOR 21ST CENTURY CLASSROOMS

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Our world is fast changing, so are our students. As they change, strategies in teaching and learning also have to change so as to adapt to their interests and needs – this is education 5.0.

As we are in the 21st century education, the digital era brings both opportunities and challenges which requires teachers and educators to use various innovative approaches to ensure teaching-learning effectiveness (Santos & Cruz, 2020). In that respect, teachers should provide them opportunities to develop 21st century skills needed in this world of industrial revolution. Teachers should have strategical plans to get results at maximum level in this era (Sari and Khamid, 2021). They could utilize new student-centered educational models so as to develop these critical skills and adapt to this change.

One of these models is the Genius Hour which places emphasis on student-led inquiry, allowing learners to choose their own topics and research into them deeper. This is making the students understand how to learn which is beneficial to them according to Svinivki and others in 2014. This approach encourages creative thinking, critical thinking, and self-directedness since students will develop questions and do research in preparation for a presentation of their findings. This creates this autonomy with passion-driven learning, so the skills involving problem-solving and collaboration are developed because most likely, students will work in groups and share insights with their classmates. In 2021, Yin noted that students who have the drive to accomplish their set goals will more likely to persevere.

In addition to that, there is also hybrid learning, a model which refers to the blending of traditional face-to-face instruction combined with various online learning components into one flexible educational environment. This provides more flexibility and accessibility for teachers and students as this highlights individualization and personalization (Valecina & Lunar, 2021). This hybrid model can facilitate varied learning preferences and a pace of progression strictly personalized to mirror the progress made in skills such as adaptability and digital literacy. This type of hybrid learning provides for the exploration of resources and other perspectives by students and so allows them to better hone their communication and collaboration skills. The flexibility of this approach readies students for real-life settings where they will navigate both online and offline realities.

Further, the last model is Nano learning. This uses little chunks of knowledge to provide focused, relevant educational content. This model helps the learners grow more confidently, motivated, and eager to learn as this gives them a sense of accomplishment in their tasks. This approach is aligned with the tenants of just-in-time learning—the acquisition of skill or learning of specific things just when needed. The brevity of nano learning keeps one participating in it and at the same time reduces cognitive overload—a potential signaling of a better retention and application of what is learned. Nano learning focuses on the acquisition of skills, such as time management and self-regulation, by students to stand out in frenetic and information-packed settings.

Collectively, the three modalities of Genius Hour, hybrid learning, and nano learning present a multifaceted educational landscape that promotes the key essential skills necessary for contemporary life and work. These could bridge gaps to teaching and learning process.

With all these trends known to teachers and educators, students could receive a better education in this ever-changing world – its demands and opportunities. With the Philippines continuing to deal with digital revolution in education, the education could grow and develop for the 21st century world.

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