

Emerging Technologies and Edtech



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Many of today's school children will work in new job types that do not yet exist, most of which are likely to have an increased premium on both digital and social-emotional skills. They will be introduced to wholly new business models whose workforces are much more distributed. In an increasingly interconnected world, future workers will be expected to collaborate with peers residing in various parts of the globe, understand cultural nuances and, in many cases, use digital tools to enable these new types of interactions.

Yet, many education systems in developed and developing economies alike still rely heavily on passive forms of learning focused on direct instruction and memorization, rather than interactive methods that promote the critical and individual thinking needed in today's innovation-driven economy.

**World Economic Forum
(Schools Of The Future Report 2019)**



Education 4.0

A Global Framework for Shifting Learning Content and Experiences Towards the Needs of the Future.

Shifting Learning Contents

- Global citizenship skills
- Innovation and Creativity Skills
- Technology Skills
- Interpersonal Skills

Shifting Learning Experiences

- Personalized and Self Paced Learning
- Accessible and Inclusive Learning
- Problem based and Collaborative Learning
- Lifelong and Student Driven Learning



Interactive Learning Technology

We are in the era of interactives in the sense that learners can interact with various digital contents in a self pace and self-driven learning mode. With these, Home Learning becomes the order as learning doesn't have to start in school. In addition, this also fosters accelerated and deeper learning experiences. However, teachers have to be trained to either create or curate digital interactive contents. Below are the types of interactives globally used today.



Interactive Videos



Interactive Textbooks



Interactive Slides



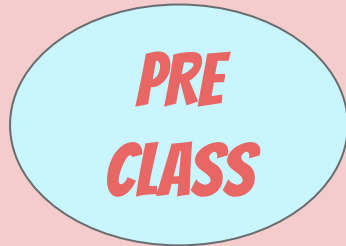
Interactive Worksheets



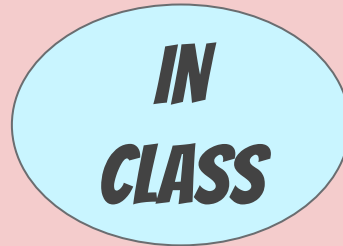
FAD LEARNING DESIGN



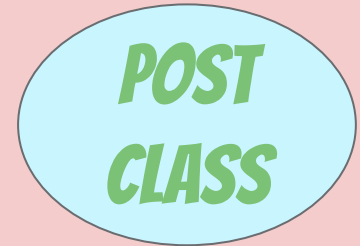
**Flipped
Learning**



**Adaptive
Learning**



**Differentiated
Learning**



SPECIAL GIFT : [Slidesgo.com](https://www.slidesgo.com) and [Powershow.com](https://www.powershow.com)

Innovative Instructional Strategies

With the integration of emerging edtech, comes the need to also adopt some innovative Instructional Strategies to further create Inspiring learning environments as seen in the global education space. These strategies further ensures the development of the core skills(Creativity, Communication, Critical Thinking and Collaboration), alongside Innovation, Entrepreneurship, Leadership and Independent learning which will help to build learners who are ready for the future.



**Scenario
Based
Learning**



**Discovery
Based
Learning**



**Design
Thinking**



**Deeper
Learning**



**Project Based
Learning**

Thanks!

Do you have any questions?

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