Creating Learning Spaces for the Future of Filipino Early Grade in 2040:

The Past, The Present and the Future

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INCREASED ICT ORIENTATION
Where we are?

- Accelerating distribution of laptops and acquisition of licensed software for teachers and learners
- Increasing ownership of devices among learners such as tablets
- Subsidizing teachers to purchase data
- Increasing integration of ICT-based education in the curriculum
What does the Philippines offer to build on these advances?

- Public Education Network have strengthened connectivity in the country
- Continuous development of inclusive educational resources which is ICT enabled.
- Start of procurement of robotics equipment and AR/VR tools in some schools
What we don’t know

- Is there more than traditional face to face learning that is needed? (given the rise of self-paced learning & online courses)

- Will the next administration prioritize investing on education technology? (How effective is ICT-enabled teaching?)
What we don’t know

- How do we mitigate the digital divide to ensure equity in education?
- Is the Philippines (IPV6) ready?
- How effective is ICT-enabled teaching and learning tools?
Where are we going?

Applying futures thinking and foresight
Risks in ICT and How to Mitigate Them

- cybersecurity
- false information
- cyber bullying
- digital divide
- incompatibility and end-of-life issues of software
Increased ICT Orientation

- ICT based Education technology advances
- Enhanced social awareness and skills of pupils
- Innovations and Simulation Laboratory
- Makerspace
- Full digital classroom with remote control and collapsible chairs, boards and manipulatives
- Augmented Reality (AR) applications in Education
ALL CHILDREN READING - PHILIPPINES

ICT-Based Innovation Technology Advances
Enhanced social awareness and skills of pupils
Innovations, Learning Mobile Hubs (i-hubs) and Simulation Laboratory
Makerspace
Full digital classroom with remote control and collapsible chairs, boards and manipulatives
Augmented Reality (AR) applications in Education
Recommendations:

- Add the use of a Learning Management System synching mobile apps version
- Inclusion of interactive video resources or html5 materials to mobile learning solutions as part of immersive learning.
- 3D Printing technology in schools
- Eco-friendly and green technology for public schools
- Smart school environment powered by digital sensors or voice recognition