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# 9th International Skills Forum Reimagining Education and Skills Development for a New Normal

23 August 2021 • 1–5 p.m. (Manila time)  
24 to 27 August 2021 • 2–6 p.m. (Manila time)

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SEAMEO Secretariat, Bangkok, Thailand

# VET in the Industry 4.0: SEAMEO Scenario

## WE ARE LIVING IN A "SMART" WORLD

### SMART AGRI-TECH



### SMART TRANSPORTATION



### SMART ENERGY



It's not just about smart production, its smart use!

## Industry 4.0 is BORDERLESS

Need for...



Global employment and Internationalised skills

### SMART CAREERS



Huge skills gap and skills shortage in data



It's easy to teach and impart knowledge but how do you prove the acquisition skills?

We need to find ways for technology to have a positive impact on learning

## TRENDS



Digital technology and automation are changing ASEAN economies and societies.



Many conventional jobs with low productivity are now diminishing



Emerging technology based jobs



Workers equipped with technical skills are poised to take advantage of newly formed jobs

## IMPACT ON EMPLOYMENT

Skills mismatch has resulted in GDP loss

Increase in demand for managers and professionals

Decrease in demand for other jobs



## IMPACT ON TVET



Invest on learning prowess



Support new partnerships



Involve new stakeholders



Digital technology has changed the way we work and learn

## ISSUES AND CHALLENGES



COVID



Identification for future skills



Labor mobility



Digital challenges



Labor market info

Learning experience is made up of...

1. Learning journey
2. Digital and physical touchpoints
3. Environments



VISUALIZED BY PUSHPINVISUALS.COM

# Digital challenges in TVET systems caused by the COVID-19 pandemic



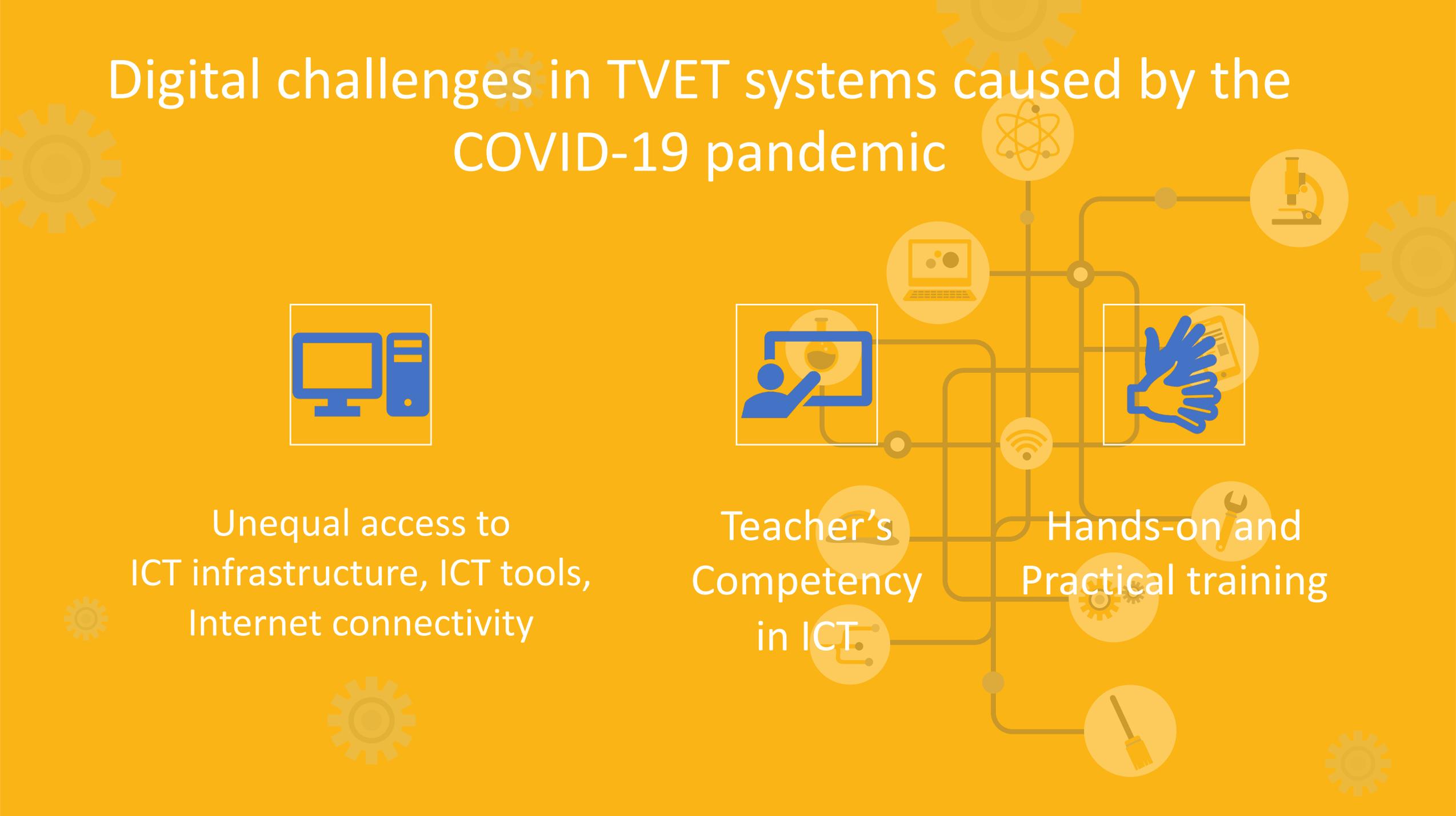
Unequal access to ICT infrastructure, ICT tools, Internet connectivity



Teacher's Competency in ICT



Hands-on and Practical training



# Digital Learning Platforms in SEAMEO

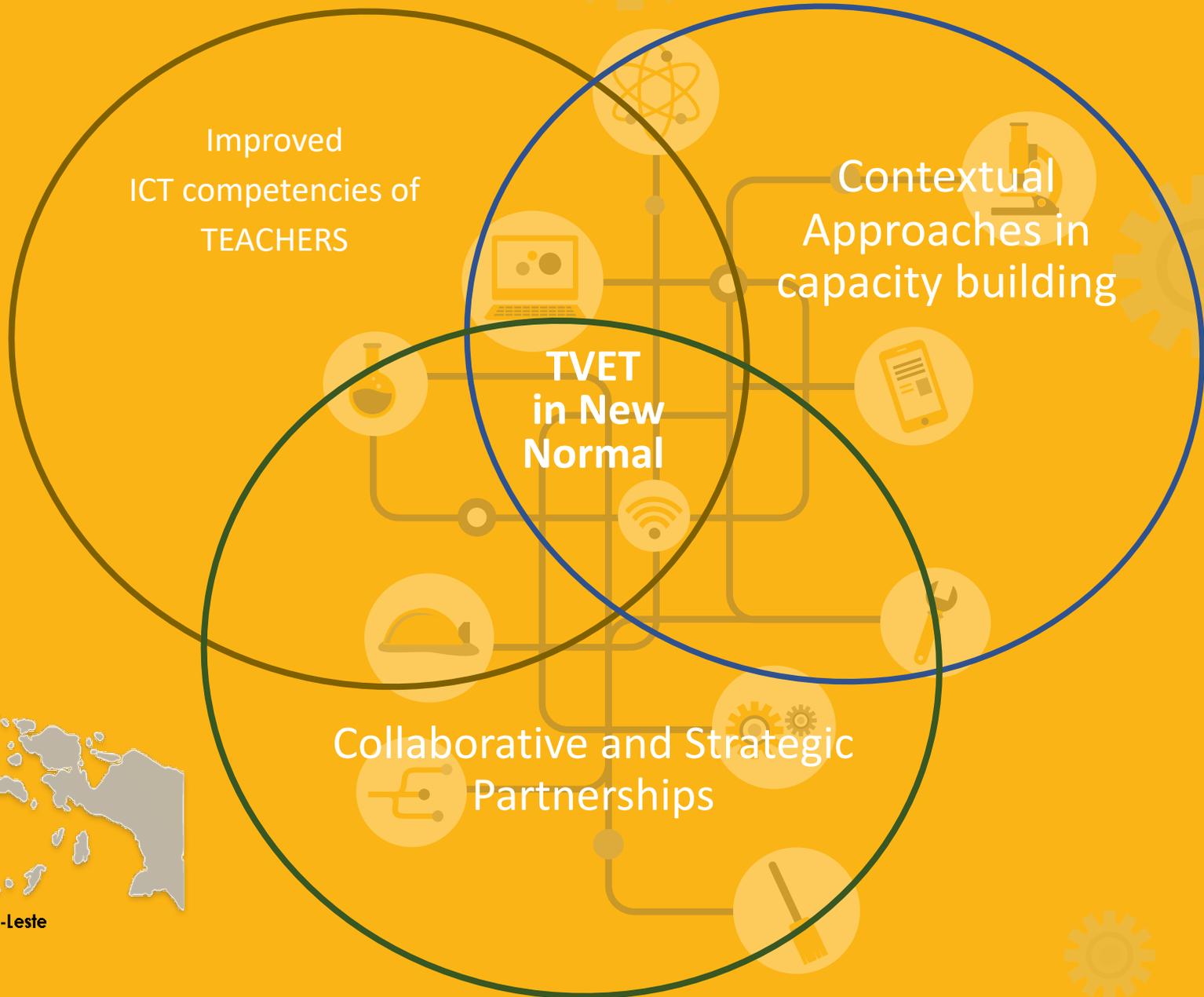
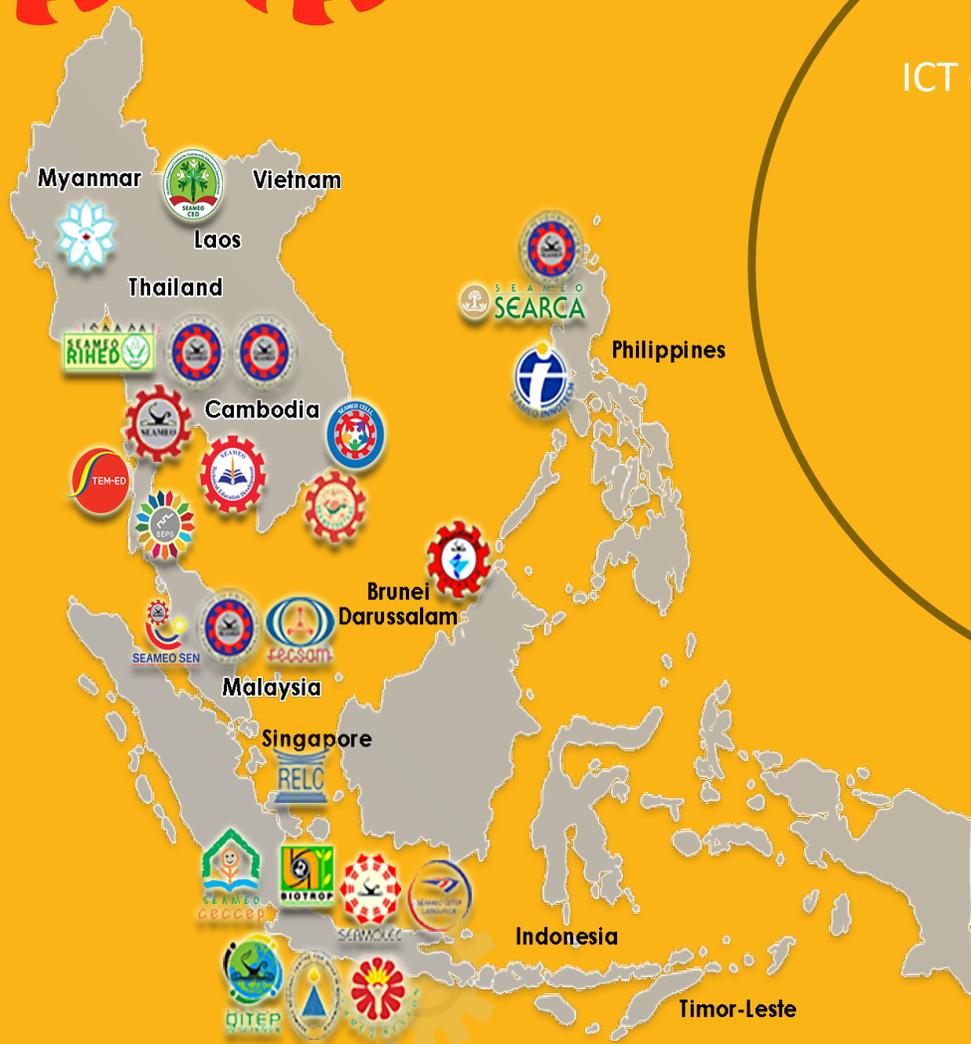


No	SEAMEO Member Countries	Digital learning platforms
1	Brunei Darussalam	*Microsoft Teams, Form and One Drive *Educational programmes on TV channels
2	Cambodia	*G-Suite, Google online tools *Digital learning resources on Ministry of Education, Youth and Sport's website and Facebook page
3	Indonesia	*Crowdsourcing platform titled Teacher Shares (Guru Berbagi) *Online teacher learning series titled Teacher Learns (Guru Belajar) *Educational programmes on TV and radio channels
4	Laos	*Google classroom, Zoom meeting room, YouTube * A learning platform known as 'Lao Learn' in which teachers can share developed teaching and learning materials and the best teaching experience
5	Malaysia	*DELIMa (Digital Learning Initiative Malaysia) *Learning videos for students with Special educational needs *Educational programmes on TV and radio channels

# Digital Learning Platforms in SEAMEO



No	SEAMEO Member Countries	Digital learning platforms
6	Myanmar	Myanmar Digital Education Platform (MDEP). MDEP can also be accessed via the mobile app DBE LMS downloaded from Google Play.
7	Philippines	*DEpED COMMONS TESDA and CHED's Flexible Learning system *Educational programmes on TV and radio channels
8	Singapore	*Singapore Student Learning Space (SLS) - Ministry of Education's learning portal which will be enhanced with Artificial Intelligence (AI) capabilities to diagnose student's learning needs and personalizes learning pathways for students
9	Thailand	*Websites and applications designed by Office of the Basic Education Commission (OBEC) and other contributors *Educational programmes on TV and radio channels
10	Timor-Leste	*The Learning Passport, a global online learning platform developed through a partnership between UNICEF and Microsoft
11	Vietnam	*Online platform like Zoom, Microsoft Teams, and the usage of learning management systems of ICT companies *Educational programmes on TV



# Key Recommendations: TVET Digitalization

THE FUTURE OF WORK RELATES TO WORK AND THAT WILL BE IN DEMAND IN THE **DIGITAL AGE**.  
**TVET IS KEY TO ADDRESSING YOUTH UNEMPLOYMENT.**

**DIGITAL SKILLS & RESILIENCY OF THE EDUCATION SYSTEM IS IMPORTANT.**



**LEAVE NO CHILD BEHIND**

INVEST IN MAKING SURE THAT EVERY CHILD CAN ACCESS **QUALITY LEARNING** AT ALL LEVELS.



## 4 KEY INITIATIVES IN BUILDING SKILLS IN SCHOOLS

INCLUDE DIGITAL SKILLS IN THE CURRICULA

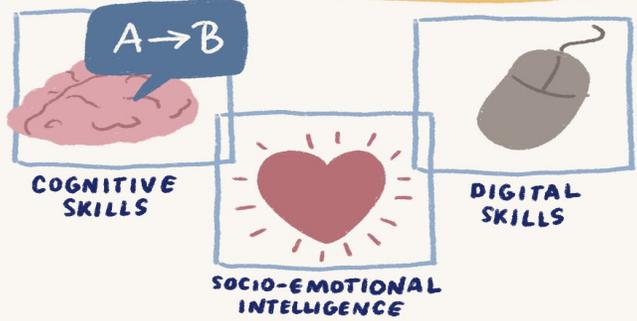
PARTNERSHIPS WITH DIFFERENT INDUSTRIES

FOCUS ON SOFT SKILLS

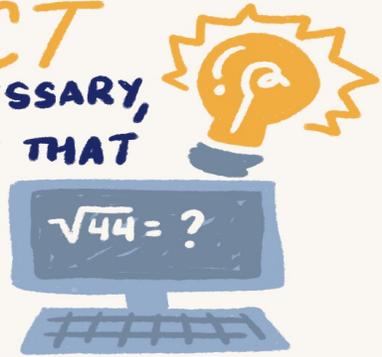
DEVELOP COMPUTATIONAL THINKING



## ESSENTIAL SKILLS FOR THE FUTURE WORKFORCE



**GCED & ICT SKILLS ARE NECESSARY, ESPECIALLY NOW THAT THE PANDEMIC PREVENTED TRADITIONAL SCHOOLING.**



**PERFECT STORM OF CONTENT AND EDUCATORS IN THE PALM OF OUR HANDS.**



**CONSIDERATIONS FOR EDUCATING OUR CHILDREN IN THE FUTURE**



The logo for the Asian Development Bank (ADB), consisting of the letters 'ADB' in white on a dark blue square background.

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and Skills Development  
for a New Normal

23–27 August 2021

A network diagram on a yellow background. It features a central node connected to several other nodes by lines. Each node contains an icon: a laptop, a microscope, a smartphone, a Wi-Fi symbol, a wrench, a paintbrush, a beaker, a lightbulb, a gear, and an atom symbol. There are also several gear icons scattered in the background.

**Thank you very much**

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