



United Nations
Educational, Scientific and
Cultural Organization



UNESCO's Support for ICT-enabled Lifelong Learning for All

ITU Regional Development Forum

21 May 2018

Jonghwi Park

UNESCO Bangkok



United Nations
Educational, Scientific and
Cultural Organization

SDG4 (Education 2030)



“Ensure **inclusive** and **equitable quality** education and **lifelong** learning for all”

ICT in SDG4

- SDG4.4.1 proportion of youth and adults with ICT skills
- SDG4.a.1 proportion of schools with access to the Internet and computers for pedagogical use.



ICT in SDG4

- SDG4.4.1 proportion of youth and adults with ICT skills
- SDG4.a.1 proportion of schools with access to the Internet and computers for pedagogical use.



ICT in SDG4

- SDG4.4.1 proportion of youth and adults with ICT skills
- SDG4.a.1 proportion of schools with access to the **Internet and computers for pedagogical use.**

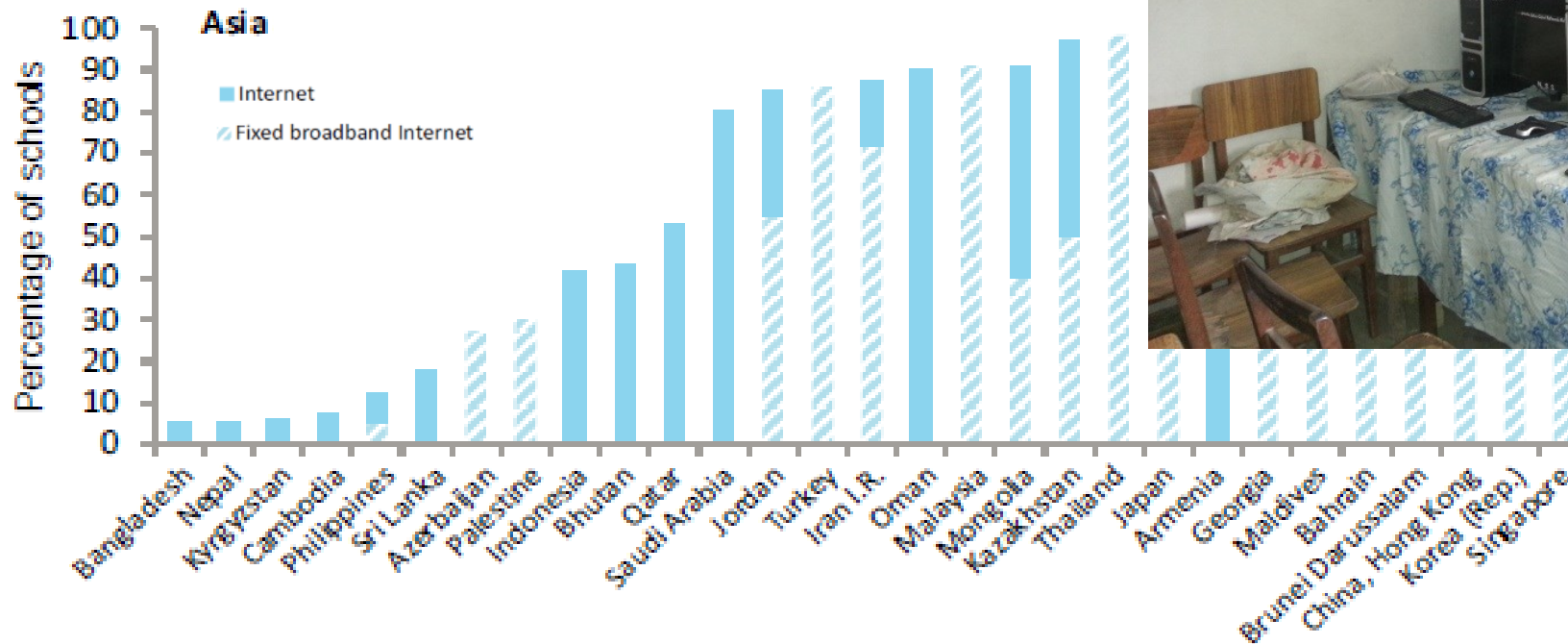




United Nations
Educational, Scientific and
Cultural Organization

Internet Access in Schools

Chart 1.22: Proportion of schools with Internet access (total and fixed-broadband)



Source: UIS database, Partnership on Measuring ICT for Development WSIS Targets Questionnaire, 2013, as cited in Measuring Information Society 2014, ITU.

- Internet connectivity in many schools is not intended for teaching and learning and is instead used primarily for administration



United Nations
Educational, Scientific and
Cultural Organization

- 4 Select a file system from the drop down list and click on Start button as shown in Figure 1.10.



Figure 1.10. Choosing file system for formatting

- 5 Click on OK button to confirm formatting as in Figure 1.11.

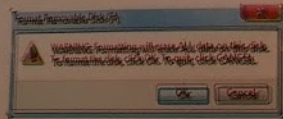


Figure 1.11. Confirmation dialog box

- 6 "Format complete" dialog box appears once the formatting is over. Formatting are of two types: quick format and full format. **Quick format** only deletes the contents of the disk whereas **full format** deletes the contents as well as scans the disk for bad sectors. Deselect the Quick Format option in Step 4 above (Figure 1.10) to perform full format.

Try This on Machine

- Take a USB drive, copy all its content to the Desktop and do a quick format.

ii. Disk Partitioning

Disk partitioning is the creation of one or more virtual regions on a hard disk or other storage devices. These regions are called **partitions**. Partitions must be formatted before they can be used. Nowadays, storage devices come with a single partition and are pre-formatted. More partitions can be created by using disk management utility software or by using some of the following methods.

To view the partitions on Windows XP, follow the steps below:

- 1 Right click on Computer and select My Computer. Figure 1.12.



Figure 1.12. Opening My Computer

- 2 Select Disk Management from the menu. Figure 1.13.





United Nations
Educational, Scientific and
Cultural Organization

Cases

1BestariNet
KEMENTERIAN PELAJARAN MALAYSIA
<http://1bestarinet.net>

educate. inspire. learn. discover.

**Pelaksanaan
frogVLE**
Daerah Tawau
Pusat Kegiatan Guru Daerah Tawau

frog VLE **yes Jaringan 4G**

- Akademik:**
 - Sumber rujukan dan pengisian kandungan
 - Kolaborasi dan perkongsian
 - Tugasan dan semakan elektronik
- Komunikasi:**
 - Notis
 - Forum
 - Laman web
- Pentadbiran:**
 - Tempahan sumber rujukan
 - Kalendar

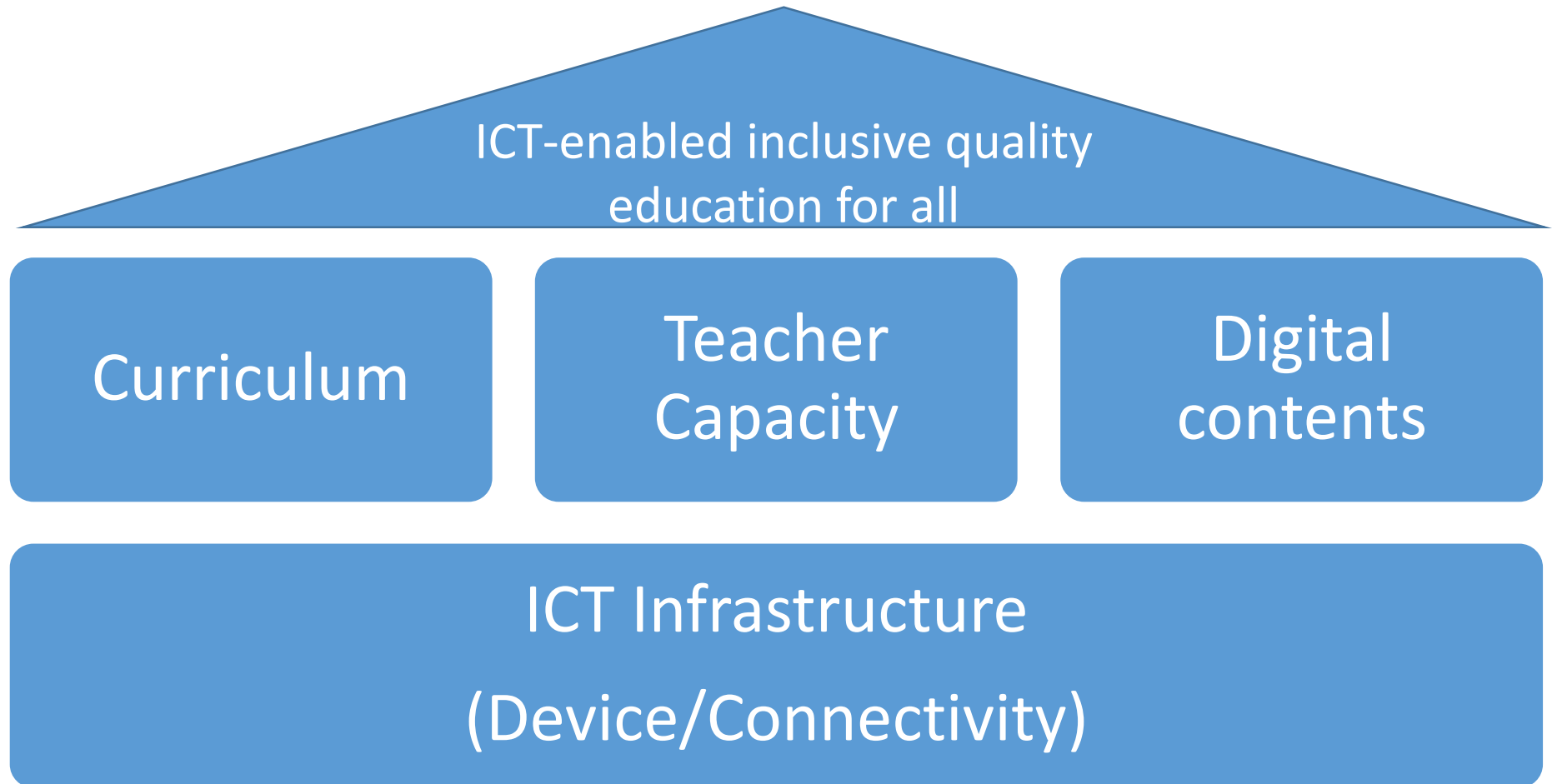


Hop on in!

- discover**
tools, classroom aids, and ideas to enhance your teaching!
- learn**
how simple it is to use Frog with videos and manuals to guide you!
- inspire**
yourself with our daily nuggets of inspiration which will give you a boost along the way!
- explore**
recipes, reviews, interesting news, and all that is good in life!



Successful Integration of ICT in Education



UNESCO's Support: ICT in Education Master Plan and Policy

Benefits:

- Comprehensive guidelines to use ICT to support the national education priorities
- A roadmap for phased and systemic implementation
- Costed plan to identify funding gaps and approach potential donors
- Special emphasis on teachers' ICT competency development

Current beneficiary countries (2018-2019): Bangladesh, Bhutan, Maldives, Nepal, Solomon Islands, Sri Lanka (Funded by Gov't of Korea and Japan)

ICT in SDG4

- SDG4.4.1 proportion of youth and adults with ICT skills
- SDG4.a.1 proportion of schools with access to the Internet and computers for pedagogical use.



ICT in SDG4

- SDG4.4.1 proportion of youth and adults with ICT skills
- SDG4.a.1 proportion of schools with access to the Internet and computers for pedagogical use.





United Nations
Educational, Scientific and
Cultural Organization

UNESCO's Support: Digital Kids Asia Pacific

(with ITU, UNICEF, Google and Korea Funds-in-Trust)

- To develop a ready-to-use instrument for MS to measure children's digital citizenship competencies
- Pilot countries: Bangladesh, Vietnam, Fiji, South Korea
- Domains:
 1. Digital Literacy
 2. Digital Safety & Resilience
 3. Digital Participation & Agency
 4. Digital Emotional Intelligence
 5. Digital Creativity and Innovation

More info: <http://bangkok.unesco.org/content/safe-effective-and-responsible-use-ict>

- Timeline
 - Data collection: April-Sept 2018
 - Publication of findings and final instrument: Jan 2019



United Nations
Educational, Scientific and
Cultural Organization



<https://goo.gl/k9x1Qp>

Regional Strategy for Using ICT to Facilitate the Achievement of Education 2030



United Nations
Educational, Scientific and
Cultural Organization

Thank You.

Jonghwi Park (j.park@unesco.org); ICT in Education (ict.bgk@unesco.org)

UNESCO Asia Pacific Regional Bureau for Education (<https://bangkok.unesco.org/theme/ict-education>)

