We are on the brink of a fundamental shift in society. As we journey towards the Networked Society we are unlocking the full potential of learning and education. Students and progressive teachers, empowered by technology, are turning established models on their heads while new skills and educational platforms are redefining our systems and institutions.

**How ICT is changing the classroom**

**Critical Infrastructure**

**Connectivity and network-based solutions have become essential infrastructure for schools**

- **Virtual work space**
  - Connectivity is making the school desk as we know it obsolete.
  - Google has scanned and digitized more than 130 million printed books.
  - Critical infrastructure, connectivity and network-based solutions have become essential infrastructure for schools.

- **Scale of learning**
  - Educational ecosystems are helping to adapt the science of learning to the individual needs of students.
  - Platforms such as edX and Coursera are bringing top-tier universities, such as Princeton, Stanford and Columbia, together to offer free and interactive courses for the web.

- **The role of the teacher**
  - Teachers are going from “sage on the stage” to “guide by the side.”
  - Critical and analytical thinking and a passion for constant learning are becoming more important.
  - Teachers are increasingly bringing their own smart devices into the classroom.

- **Skills and knowledge**
  - Digital natives have grown up in a world of computers, mobile phones and the internet – experiences that have shaped, and continue to shape, their behavior. By 2020 they will total about 3.5 billion and comprise about 50 percent of the global population.

**Tools of the trade**

- Students are increasingly bringing their own smart devices into the classroom.

**50 years ago we were a poor country. Today we are the 14th largest economy in the world. Education is what transformed our country.**

**Ambassador Young Shim Dho, UNWTO, South Korea**

**Mobile data traffic 2010-2017**

- 15 times more mobile data traffic than in 2010.
- 3 billion smartphone subscriptions.

**Smartphone subscriptions, 2008-2017**

- Mobile PCs and tablets.

**Source:** Ericsson Traffic and Market Report, 2012

**Source:** Broadband Commission, State of Broadband Report, 2012

**Source:** Networked Society Forum, 2011

**Source:** Ericsson Mobility Report, 2013

**Source:** Ericsson Mobility Report, 2012

**Source:** Broadband Commission, State of Broadband Report, 2012

**Source:** Ericsson Traffic and Market Report, 2012

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