Revolution 4: Information and Knowledge

How does the vast amount of data change how we learn and govern in the future?

RESOURCES

Sample discussion questions

- Are work and learning becoming "the same thing"? How can basic education prepare workers for a lifetime of adaptation, retraining, and continuing education? What role will the online world play in this process? How might online education level the playing field between developed and developing countries?

- How has the media's objectivity been affected by the explosion of information sources? Will individuals increasingly live in worlds of their own ideological and moral construction by further isolating themselves from competing ideas? Are we entering an era of "choose your truth"? How does information technology further expand the rifts between civilizations and between individuals in the same communities? How does it bridge those divides?

- Information technology has changed the context in which governments must operate. Individual citizens and groups now have the ability to quickly organize and contest or influence the direction and mode of governance. From 24/7 news to flash mobs to blogs to political tell-alls, the rapid flow of information demands rapid results from systems of governance. How has information technology compressed the ability of governments and organizations across the board to implement long-term strategic planning? How has information technology redefined sovereign and cultural borders? How can the government leverage information technology to "fight back"? What kinds of skills and resources are needed by both the people sending the message and those receiving the information?

* From, Educating Globally Competent Citizens A Tool Kit for Teaching Seven Revolutions

Web Resources

CSIS Technology and Public Policy Program
CSIS Global Strategy Institute
The World Bank Group's Global Information & Communication Technologies Department
Global Issues: Social, Political, Economic and Environmental Issues That Affect Us All
The Pew Research Center for the People & the Press
The Better World Handbook
New York Times
Washington Post
The Economist
Google News

Videos

Kevin Kelly on the next 5,000 days of the web
Nicholas Negroponte on One Laptop per Child
Rives controls the Internet
The Truth According To Wikipedia
Future Vision of Information Technology & Our Life Style
Watch your day in 2020 (Future Technology)
Information Technology - history

Further Reading/Podcasts

Chan, Leslie, and Sely Costa. Participation in the global knowledge commons: Challenges and opportunities for research dissemination in developing countries. New Library World 106, issue 3 (2005): 141-163.
Van Dijk, Jan. The Deepening Divide: Inequality in the Information Society. SAGE Publications, 2005.