

# The Role of Mediation and Communication in the New Learning Culture



# Key Trends in the Changing World of Work related to Education

- Distinction between academic and practical/vocational work becoming blurred
- Move from the industrial age to the information age (knowledge, innovation)
- Employment, unemployment, selfemployment
- learning, relearning, delearning, selflearning
- Role of Media and Communication

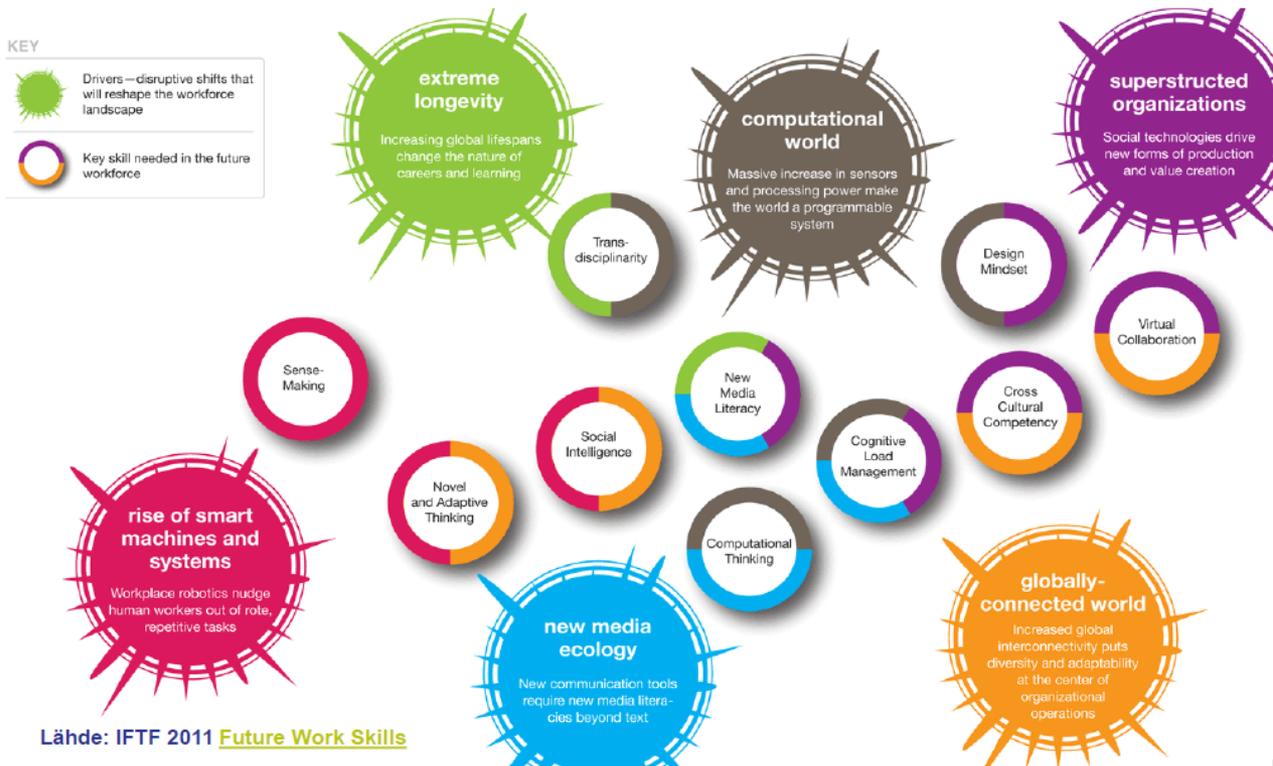
# Entrepreneurship and Innovation as the Defining Competences

(Strategic Initiatives Inc.)

- It all begins with pervasive, perpetual connectivity and engagement, enabled by ICT (Media literacy is key; it builds capacity for continuous human development and enables the role of continuous mentor. ICT and media literacy make knowledge and learning abundant, not scarce.)
- Pervasive ICT enables entrepreneurship for everyone
- In the 20<sup>th</sup> Century and earlier, a number of learning pathways were key to success
- In the 21<sup>st</sup> Century, economies have been unable to create sufficient jobs to keep pace with population growth -True in developed and developing countries
- A new ethos is required – turning young people into “job/success makers”
- Soul, spirit, and skill (Head, heart, and hand)

# Future Work Skills (IFTF)

## Tulevaisuuden työvoiman osaamistarpeet ja niihin vaikuttavat muutostekijät / Future Work Skills 2020



# Impacts of Asynchronous Learning Networks (Hiltz 1997)

- Increase the competition for students and a decrease in the total number of universities
- Large institutions and consortia of smaller institutions will develop programs that students anywhere can enroll in
- Change in the role of colleges and universities designed to support students of all ages

# E-learning, OER, MOOC: the role of mediation as a promoter of higher mental processes

- Reuven Feuerstein: instead of measuring a child's acquired knowledge and intellectual skills, the ability to learn was evaluated first – intelligence was not a fixed attributed, measurable once and for all – intelligence can be taught and was in fact the ability to learn
- qualitatively good mediation
- Howard Gardner: multiple intelligences

# Lev Vygotsky and ITC

- the acquisition of new knowledge is dependent on previous learning, as well as the availability of instruction – the assistance of a more capable person
- lower and higher mental processes: practical intelligence including the simple use of material tools, and sociocultural process that produces more advanced and symbolic tools developed by humans

# Problems and Questions Related to e-Learning, OER, and MOOC

- Are we concentrating too much on “lower mental processes” (Vygotsky), practical and simple tools and ignoring slower development of sociocultural processes?
- Is the technology-push approach pushing aside the main human mediating force: the personality?
- Is New Humanism creating a genuine spirit?

# Communication and the Media

- Dewey: education and communication
- Debray: mediology would like to bring to light the function of medium in all its forms, over a long time span since the birth of writing and without becoming obsessed by today's media

# Towards a Manifesto on Entrepreneurship and Innovation in the Creative Age (Strategic Initiatives Inc.)

- Our team will draft a manifesto on entrepreneurship and innovation as the defining competences in the Creative Age. To be sustainable, they must be based on core values and practices.
- This manifesto will be a statement of values, and purpose and strategic intent – to spread the word on the principles, practices, policies, and processes necessary to develop innovation and entrepreneurship that can be adapted to a wide range of settings, systems, and culture.
- The Manifesto should ground the principles of entrepreneurship and innovation in the Millennial Goals and humanistic principles. Entrepreneurship and innovation span different economic systems. We should be developing a new breed of Renaissance person who combines habits of mind, body and spirit to include:
  - Creativity , resilience and persistence
  - Science, technology and analytic skills
  - Humanism, integrity, trust, and realism
  - Inclusiveness and cultural awareness