Joint Research Centre (JRC)

Would we be creative without technology?

Romina Cachia & Margherita Bacigalupo

IPTS - Institute for Prospective Technological Studies

Seville - Spain

http://ipts.jrc.ec.europa.eu/
http://www.jrc.ec.europa.eu/
Mr. Bloom walked unheeded along his grove by saddened angels, crosses, broken pillars, family vaults, stone hopes praying with upcast eyes, Old Ireland's hearts and hands. More sensible to spend the money on some charity for the living. Pray for the repose of the soul of. Does anybody really?

- We have today so deeply interiorized writing, made it so much a part of ourselves, we find it difficult to consider writing to be a technology

- Writing as opposed to speech is artificial

- To say writing is artificial is not to condemn it but to praise it

- Writing heightens consciousness
The death of art

- Photography → death of art

Nadar: father of aerial photography →
GIS, Google Earth and the creative use of Geo-tagging pictures

Digital Photography → Death of Photography
- Flickr, YouTube etc.

"elevating photography at the level of art"
- **Technology →**

- Always been an extension of the human mind

- Enabling creative thinking and innovation
What is creative expression in the 21st century?

- peer-to-peer
- Database
- web2.0
- playlists
- social networking sites
- iPod
- YouTube
- blogs
- collective intelligence
- share
- fragments
- community radio
- Flickr
- podcasts
SC allows teachers to exchange knowledge, material & experiences and to collaborate.
A social & emotional network of support & assistance can be established.

Examples from previous projects at IPTS:
Teacher Collaboration

Virtual learning network for vocational education and training (VET) professionals

SHARE
Sharing Resources in Education

multilingual exchange & collaboration platform for teachers in training, initiated by the University of Cologne (Germany)

http://www.share.uni-koeln.de/

http://primarymfl.ning.com
Examples from previous projects at IPTS:
Language Learning

Wikis and blogs support writing & foreign language skills especially in primary & secondary education

“Wikispace for English” project at an Italian secondary school

Collaborative book-writing project (Austria)
Larry Page '73
Sergey Brin '73

Tom Anderson '75

Mark Zuckerberg '84

Chad Hurley '78
Steve Chen '78

Google

myspace.com

facebook

YouTube

2003  2003  2004  2005
What are the **skills** that these people have acquired?

What are the **conditions** that enabled them to become creative and innovative?
Thank you for your attention

romina.cachia@ec.europa.eu