Learning 2.0

The Big Picture (jsb)

An ‘Epistemological’ Shift

Homo Sapiens
Knowledge
Tools as instrumental

Homo Faber
Knowing
Tools as productive inquiry

But now the ‘making’ is done virtually, digitally augmented physically & socially!
A pedagogical shift

Sage on the stage → Peer-based learning

- linear → exponential
- one shot → continuous
- decontextualized → situated
- classroom/video → social networking

Life in the Digital Age –
A culture of participation:
Tinkering, Building, Remixing & Sharing

Creating meaning by what I produce and others build on – a remix, open source culture.
Remix & Mashup
creative tinkering & the play of imagination

But it is also ‘creative reading’ like in fandom – fans filling in the back story in highly imaginative ways.

Ah, creating meaning by integrating their imagination with that of the ‘author’ in remix.

sometimes seen on YouTube

Tinkering as a learning platform and its death and rebirth as remix, mashups, etc
Tinkering to Thinkering

interacting with a web of knowledge, tools and distributed communities of practice

Active Blending – beyond just taping resources

Researching, re-searching & learning meld into a new kind of distributed learning/knowledge ecosystem with mentors: peer based & masters
Traditional Approach:
learning-about ===> learning-to-be

Learning about  Explicit

Learning to be  Tacit

dimensions of knowledge
(Michael Polanyi)

Learning-to-be

Enculturating into the practices of a field often via legitimate peripheral participation - apprenticeship
  a way of seeing
  being able to engage in productive inquiry
  a way of knowing
  sensing what constitutes an interesting problem
  knowing what constitutes an elegant solution
Reversing the Flow

Learning about Explicit

Learning to be Tacit

Key: unleashing productive inquiry: leveraging the resources of the net (but this requires net literacy)

new kinds of learning/doing institutions from instruction to interest-driven participation

A hybrid: re-invented community library/after-school/community center

Where a student’s capabilities are demonstrated by their portfolio of projects
The Brewing Perfect Storm of Opportunity

Transformative Initiatives

- OER ...
- eScience
- eHumanities
- Web 2.0 & beyond

Tying it all together:
- content/tools/activities

Open Participatory Learning Ecosystem - with feedback/loops galore

Creating a new kind of ecosystems for intertwining knowledge creation, learning & mentoring

A Radical Change of Point of View

**Stocks**
- (supply push)
- Building inventory of skills to be deployed later.
- Authority based
- Explicit

for a stable world based on an old factory model

**Flows**
- (demand pull)
- Participating in productive inquiry
- Situational based
- Tacit

for a rapidly changing world

Learning 2.0 - learning on demand
And perhaps the most important for the 21st Century

Listening with humility
with an open mind

and the new golden triangle

imagination

a sense of awe

intuition inspiration
Networks of Imagination

Networked Imagination
emergent from collective action

Networks of Practice

Communities of Interest

When recreation becomes an act of re-creation/remix & productive inquiry

Culture of Learning
a culture that thrives on participatory life long learning and perhaps the ultimate sustainability model.
Thank You

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(also see Minds on Fire - Open Education, the Long Tail, and Learning 2.0.)

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