Reflections on Introducing Educational Technologies to Teachers

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Rethinking the Way We Teach
Master’s in Education Program

Full-time teachers from primary and secondary schools

- English
  - June 2011
    - 14 students

- Portuguese
  - October 2010
    - 15 students
Connectivist T/L Activities

1. Aggregation of resources
2. Relation of new knowledge to old
3. Creation of artefacts to show learning
4. Sharing of insights with other learners
Learning Outcomes for Digital Age

1. Interaction with digital media
2. Active engagement in sharing digital artefacts

Drawn from:
- Bloom’s digital taxonomy
- Taxonomy of the affective domain
- SOLO taxonomy for assessment
Digital Tools & Activities

Discussion forums
Tagging snack tools ADAPTIVE QUizzes
Video conferencing
LESSON PLAN
Critiquing Collaborating
JOURNALING
Bookmarking

Facebook Sketchcast
WebQuest.Org Blogger LinkedIn
Social Networks
Our Experience

Addressing Learning needs

- Lectures & demos
- Pair & team work

Disparity in skills

- Moodle tutorials
- Tutor support
- Feedback
Our Students’ Progress

- Awareness & Receptivity
- Connection forming
- Contribution and Involvement
- Pattern recognition & Meaning
- Praxis
What We Identified

* Metacognition
* Active reflection on class activity
* Critical evaluation of the course
* Increased confidence with digital tools
* Transformation of fear of new technologies

* Learner anxiety with new technologies
* Concerns about group work
What We Learned

- Pay attention to learner anxiety with technologies when introducing new digital media.
- Encourage collaboration, negotiation, and conflict solving skills.
Thank You

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