Its not Possible to be a Sage on the Cyberstage

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Introduction

Major educational trends:

(1) conceptual shift from

teaching to learning,

educator-centred to learner-centred education;

(2) increased awareness of collaborative and interdisciplinary work;

(3) the development of instructional technologies

= attempting to leverage the skills of

Net Generation students

The Context

University of Alberta Occupational Therapy Programme

➢ Entry- to-practice Masters Programme

➢ Admission of 100 student per year

➢ 2 year programme

➢ Research intensive

Technologies for Learning and Teaching

- WebCT Vista: "eClass"
- Personalized pages for courses
- Course materials
- Discussions
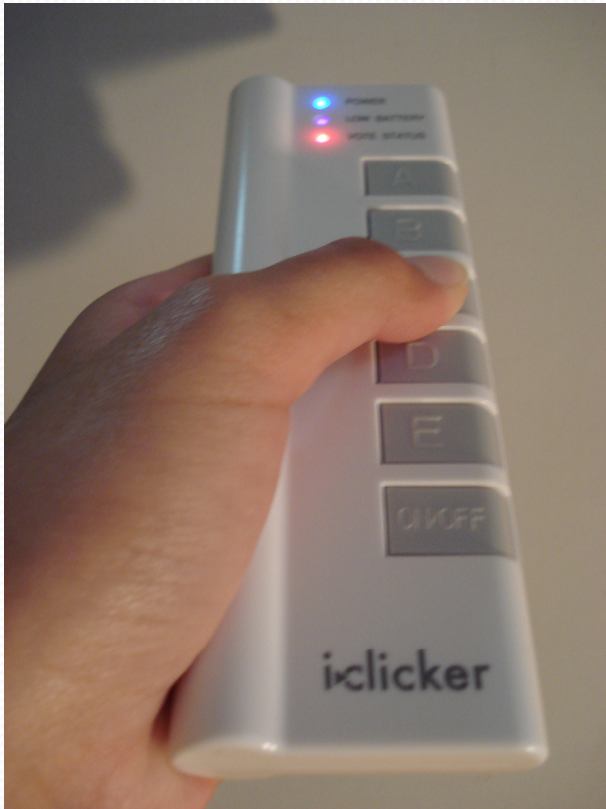- Quizzes
- Grades
- Links to resources

Learning Needs

- Fast feedback
- Self awareness
- Real life examples
- Understand the relevance of theory
- Learn & have fun
- Take part in an interesting project
- Do something useful
- Networking

Audience Response Systems:
Fast Feedback

iClicker ®

Students said…

- Fun

- Exciting

- Motivating

- Challenging

Educators said…

- A great way test students' clinical reasoning

Video & Audio recordings: self awareness

Demonstrating application of clinical skills (OSCE)

Kolb's Learning Cycle

Active Experimentation

Concrete Experience

Abstract Conceptualization

Reflective Observation
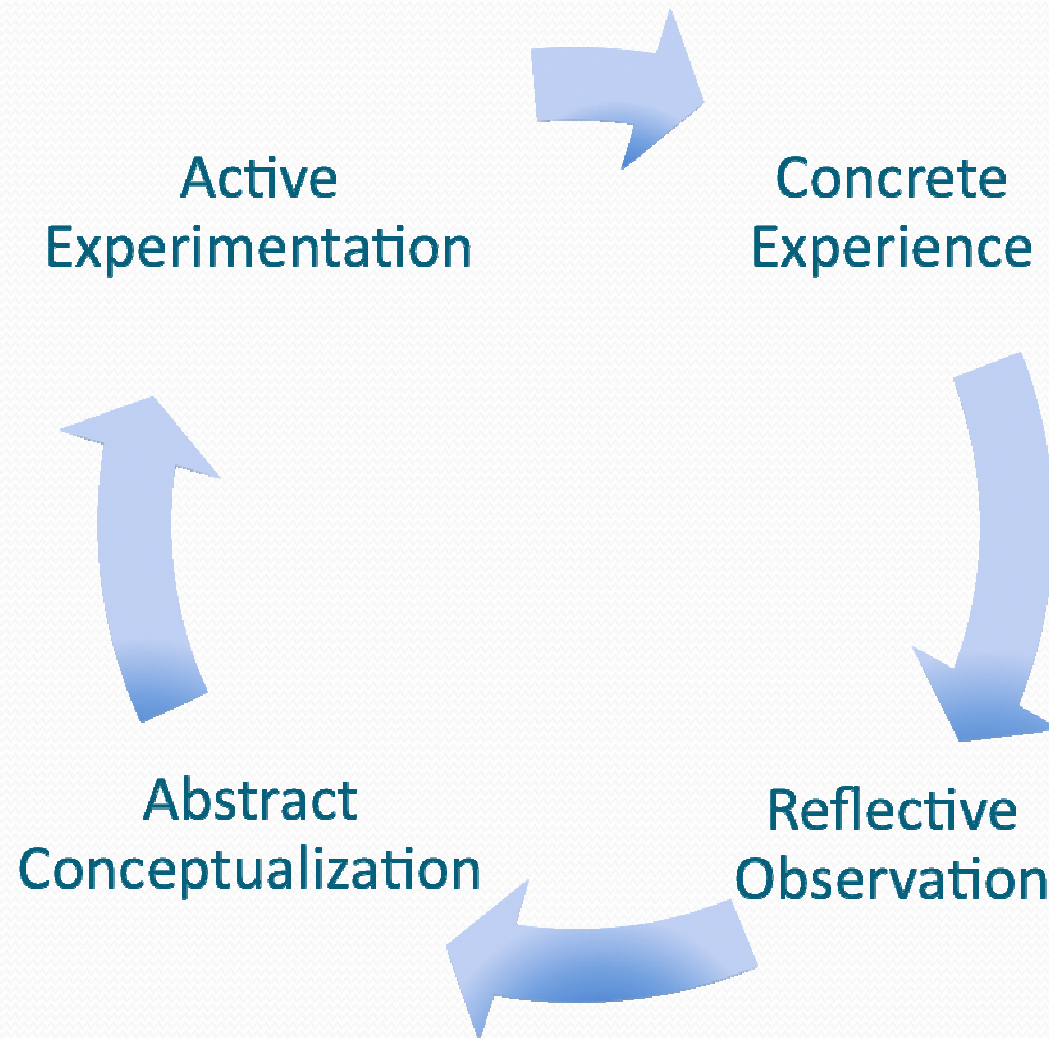
Using YouTubeTM: real life examples

Voice over Internet Protocol:
making theory relevant

- Guest speakers and experts –
  - brings theory to life
  - students and educators learn together

- Students can see, hear & ask questions – even if not in class

- Students use Skype™ to meet with clients

Voice over Internet Protocol

ePortfolios: faculty example
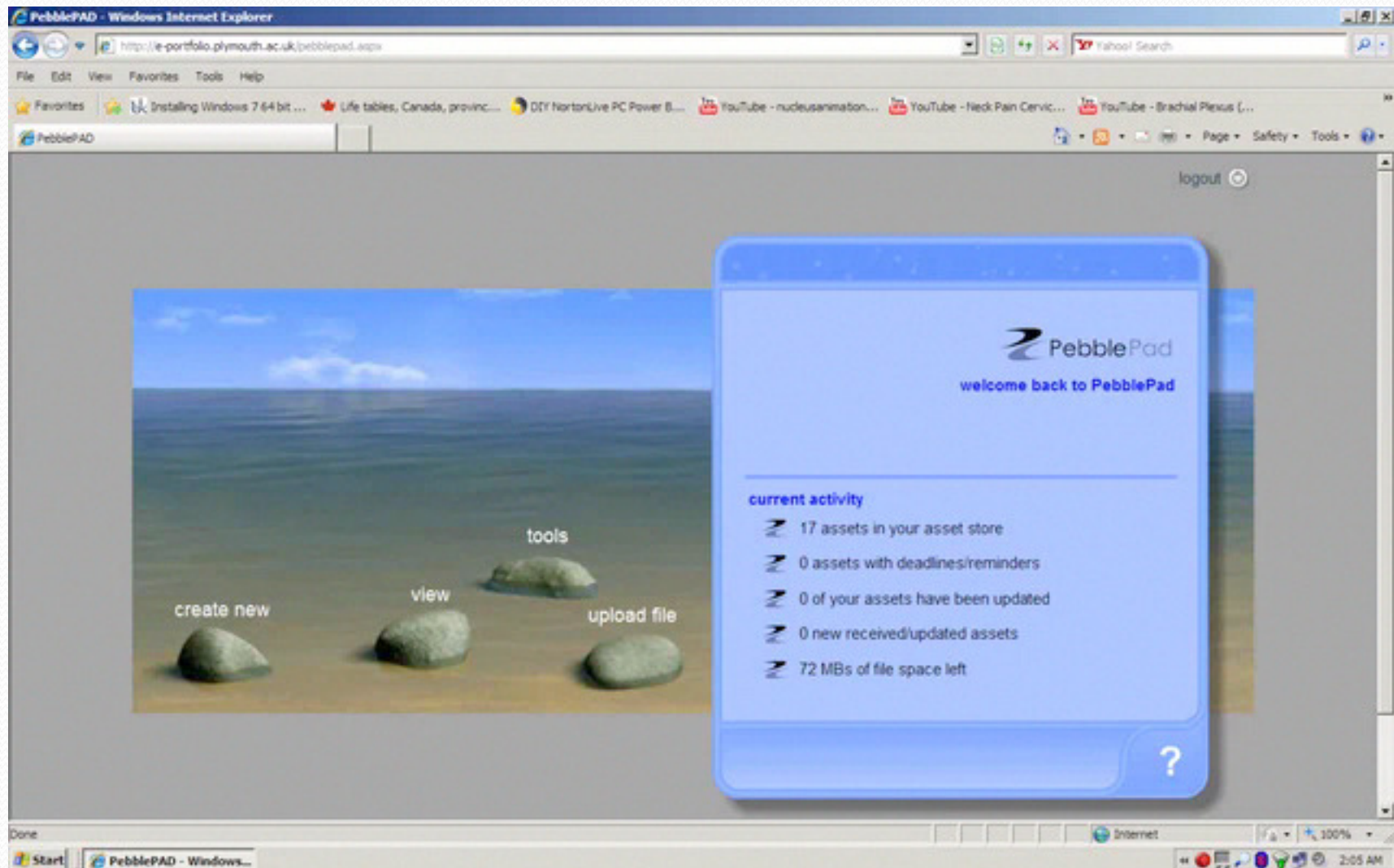
ePortfolios: tracking & managing progress

Web 3.0 3D Virtual Worlds:
learning & having fun
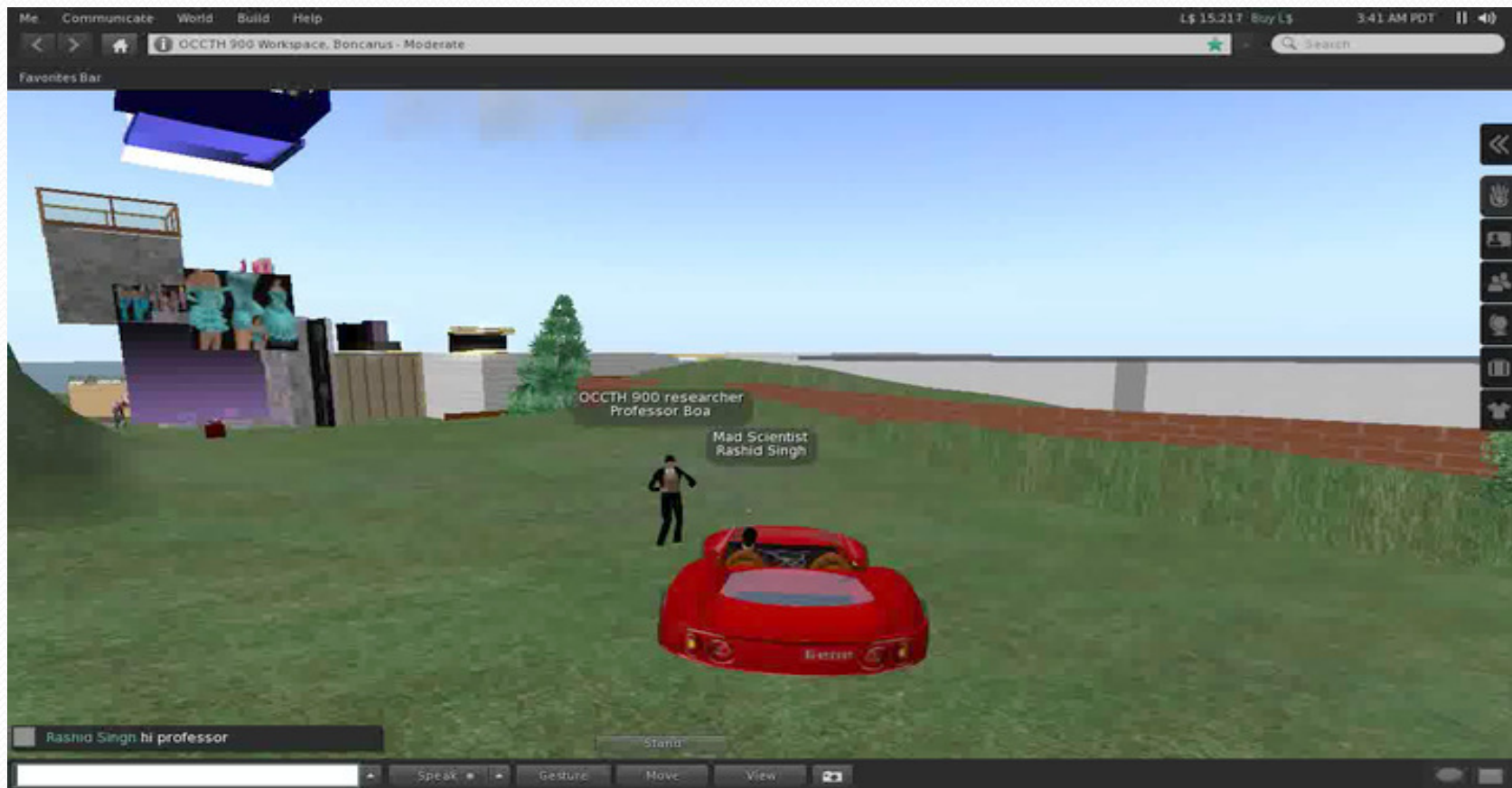
Blooms Taxonomy (revised) in a Post Graduate Program

Remembering

Understanding

Applying

Analyzing

Evaluating

Creating

Video & Audio recordings:
taking part in an interesting project

Demonstrating application of theoretical knowledge

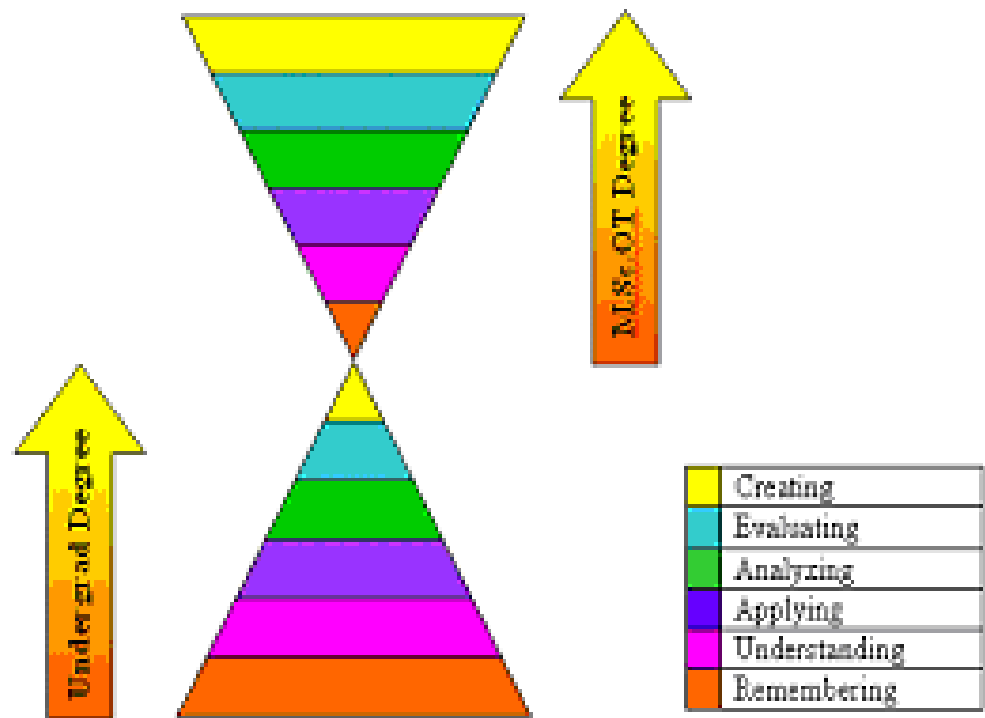# Wikis: doing something useful

Blogs: networks & communities of practice

Social Network sites: Facebook

Summary & Conclusion

- When we started using computer technology the 'sage on the stage' was still much in evidence – only the stage had changed

- The way in which we now use technology has moved us from 'sage on the stage' towards 'guide on the side'

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