Social Web in Teacher Education and Teacher Training

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Workshop Structure

• Clarify terms: Social Web, Web2.0, Social Software, and Social Media.
• Overview of available web tools and services
• Overview about possible applications in Teacher Education and Teacher Training.
• Identification of application scenarios in education.
• Discussion about opportunities and limitations of the tools and services for their effective use.
Definition of Terms

• **Social Web**
  Web-based applications for social interaction in the internet

• **Social Software**
  Software for communication and collaboration

• **Web2.0**
  Further development of Web1.0 (version number)

• **Social Media**
  Digital media and technologies for social interaction, communication, and creation and exchange of user-generated content
Characteristic

- Communication
- Networking
- Interaction
- Participation
- Openness
- Collaboration
- Organisation of information
- Knowledge management
Social Bookmarking

Museum Identity Ltd - high-quality conferences, study days, publications, for professionals

Reflections from an E-Learning Officer at the Museum of London by Marirth Lethbridge...

The term 'e-learning' has traditionally been used in the formal learning sector to describe web-based learning where the learning delivery platform is electronic. Over the last few years, museums have started to adopt the term and at electronic forms of learning both online and within the museum. When the E-Learning Officer at the Museum of London, three years ago, it was one of the first of this kind, a post situated within the creation of content for digital learners. Today, e-learning at the Museum is web-based learning, online blended learning sessions using digital important part of our learning provision because it enables and provide new and engaging ways of learning and...
What is Social Bookmarking and how does it work?

- Method to organise, store, search, reorganise, and comment resources.
- ‘Tag’ resources via the internet.
- Access your resources via the internet (independent to device and workplace).
- Access from any Web browser.
- Collaboratively indexing internet resources in social bookmark networks.
Tools and Services

Application Scenarios for Teaching and Learning

- Search online resources like pictures, videos, presentations, and literature in working groups or individually.
- Send recommendations to ‘friends’.
- Rate resources.
- Build-up search networks.
Collaborative Idea Development
What is Collaborative Idea Development and how does it work?

- Develop collaboratively ideas in a virtual environment.
- Positive feedback, constructive criticism, and motivation are important for idea development.
- Acquire subject areas in groups.
Tools and Services

Application Scenarios for Teaching and Learning

- Collect prior knowledge,
- Brainstorming,
- Collect ideas,
- Visualise complex topics,
- Allocate responsibilities.
Blogging
What is Blogging and how does it work?

- Posts: blog entries in chronological order.
- Comment function for communication.
- Feed-Reader: subscription to special services to read the posts.
- Connection to other social web services like Twitter, Facebook, Slideshare, YouTube.

Microblogging

- Special form of blogging (Twitter).
- Twitter: Write, favour, and retweet messages (tweets), reply to messages, follow/following.
Tools and Services

Application Scenarios for Teaching and Learning

- Learning diary to plan, monitor and reflect studies;
- Organisation and documentation of projects or master thesis;
- Plan and organise practical activities (field trips);
- Collect Ideas;
- ‘Soft’ form of e-Assessment.
Collaborative Writing
What is Collaborative Writing and how does it work?

- Write collaboratively in a virtual environment.
- Authors create, add and modify text.
- Integrate pictures, graphics, and tables.

Wiki

- WikiWikiWeb
- Create and edit interlinked web pages easily in a web browser.
- Integrate text, graphics, pictures, video, slides or links.
- Communicate in discussion forums or via e-mail.
Tools and Services

Application Scenarios for Teaching and Learning

• Renovate lecture related topics;
• Present group work;
• Create together a project paper;
• Prepare a group presentation.
File Sharing
What is File Sharing and how does it work?

- Share and exchange data files (photos, videos, documents, or slides).
- Organise and archive data files.
- Use different devices (device-independent).
- Vote and comment data files.
- Connect with other services (Twitter, Facebook, wiki, blog, Slideshare, or YouTube).
Tools and Services

Application Scenarios for Teaching and Learning

- Search pictures, videos, presentations, articles.
- Collect, share, discuss and archive data files (online repository).
- Document events or field trips (photo stream, video channel).
- Upload students presentations into SlideShare. Group assessment via ‘Slide Casting’.
Social Networking
What is Social Networking and how does it work?

- Online grouping of individuals (research groups, leisure time groups, study groups).
- Internet platform for interaction, communication, participation, gather and share first-hand information and experiences.
- Develop friendships or professional alliances or interest groups.
- PR and marketing.
- Informal and non formal teaching tool, instructional or course tool, and communication device.
- Topics and interests are varied and rich.
Tools and Services

Application Scenarios for Teaching and Learning

- PR and marketing for institutions, study groups or projects.
- Communication and interaction for language learning in a social network.
- Preparation of a book or a study project in a working group.
- Networks for students (Hyves, StudiVZ), for academics (Mendeley), and business networks (LinkedIn, Xing).
Opportunities, Limitations, and Challenges

http://www.sptc.net/attention.jpg
Opportunities, Limitations, and Challenges

- Solutions must meet the educational needs.
- Plan your time and prepare your resources carefully.
- Prepare for maintenance.
- Train the services to your learners before they use them. (authoring, netiquette).
- Support and guidance are important (tutor, moderator).
- Train relevant skills and competences.
- Use media and communication channels of your target group.
- Identify and apply new opportunities and work simplifications of educational processes.
Social Web in Education

http://sowebedu.wikispaces.com
http://sowebedu.wordpress.com/
Contact

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Social Web Twitter (em3rg3), Facebook (Maru Gru), LinkedIn (Marion R. Gruber), SlideShare (em3rg3), Flickr (em3rg3)
Discussion

Question 1
Which are your experiences in using social software and web2.0 for learning and teaching? (Application scenarios in education)

Question 2
Which opportunities and limitations of the tools and services for their effective use can we identify?

Question 3
Other open issues?