Module 2
Instructional Technologies

Assignment: Design, produce and publish a webquest related to the same topic.

Deliverables: CD with presentation and link to webquest (since this would be online) + Hard Copy of Webquest (printout through site)

Deadline: 2 Weeks after last lecture

Module 2 - Instructional Technologies

Duration: 6 Hours

Content: ICT provisions in schools
Presentation Tools and Skills
Google Environment
Managing Long Documents

Assignment: Create a PowerPoint presentation related to your subject which can be used as an intro for an ICT based lesson (Max. 8 Slides, 10 minutes (max), Groups of 3/4)

Timeline:

• 1994
  Computer Labs in all Sec Schools: EU 2nd Protocol.

• 1996
  A gradual phasing in of ICT Equipment in all Primary Classrooms starting from Year 1: VCR, Monitor, Laptop for each teacher, 4 Multimedia PC’s in each classroom, Introduction of formal ICT syllabus in Secondary Schools

• 1997
  Use of Logo, Cabri, Derive and MS Excel as part of the Maths syllabus

• 2000
  Introduction of Broadband Internet connectivity.

• 2002
  Computer Studies introduced as an Option in Year 9.

• 2004
  All Students follow ICT Applications leading to the ECDL certification.

All schools connected to broadband Internet. (2008 laptops...)

Module 3 - Instructional Technologies

Labs: 3+
PCs: 15 (hopefully)
Other: Interactive whiteboard
       Projector
Portal: www.skola.gov.mt
Support: School based tech/MITTS

Module 3 - Instructional Technologies

Computers:
• Require login (username and password)
• Decent to very good quality
• MS Office applications installed
• Mathematics related software

Module 3 - Instructional Technologies

Internet Access:
• Filtered content
• Teacher can request for particular site (plan)
• Presently overloaded (frequent server crashes)
• Video conferencing (forget about it... Unless*... )

Module 3 - Instructional Technologies

Teacher/Student:
• E-mail address
• Web space
• Separate login accounts
• Different privileges (slight)
Module 3 - Instructional Technologies

Planning a session:

• Check who is in charge of lab bookings
• Check if site/resource is accessible
• Use of shared drive (network drive)
• Observe lab rules
• TRY IT OUT FIRST!

Presentation Tools and skills - Software

• Used in connection with LCD/Data projectors
• Ideal for presentations to medium/large groups
• Replaces charts/whiteboard
• Replaces slides (slide projectors)
• Replaces transparencies (overhead projectors)
• Can create professional looking presentations easily

• Used by Teachers – teaching aid, presentations for open days, subject choice, SDP’s, etc.
• Used by Students – presentation of reports, assignments, etc.
- Slide Format (Layout)
- Slide Templates (Design)
- Special Effects (animations)
- Slide Printing
- Storage and Retrieval
- Text entry and Editing (word-processing features)
- Graphics (drawing/painting, charts, clipart, etc.)
- Multimedia (videos/sound, background music, etc.)