

Name _____
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Organizing Institution

Faculdade de Ciências/Universidade de Lisboa

Departamento de Educação
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 1700 Campo Grande, LISBOA
 PORTUGAL
 Tel: 217500049

Organizing Committee

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Conference secretariat

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Scientific Committee

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Dead line Registration 3 May 2008

FEE FOR ACCOMMODATION AND MEALS INCLUDING – € 450,00
 PARTICIPATION / COURSE FEE - € 750,00
 TOTAL COURSE FEE PER PARTICIPANT – € 1200,00
 CANCELLATION FEE (WHERE APPLICABLE) - € 240,00

www.edu.helsinki.fi/pec/
<http://ec.europa.eu/education/trainingdatabase/index.cfm?fuseaction=DisplayCourse&cid=5491>



Faculdade de Ciências
 da Universidade de Lisboa

Departamento de Educação

Course
 Developing scientific and
 linguistic skills through
 digital media in science
 classes

3-9 July 2008

Projecto PEC
 European Science Teachers: Scientific
 Knowledge, linguistic skills and
 digital media
 Professorado Europeo de Ciências:
 Conocimiento Científico, Destrezas
 Lingüísticas y Médios Digitales



Financiado pelo Projecto Sócrates
 226641-CP-1-2005-1-ES-Comenius-C21,
 2005-2008, ES/EN/FI/PO/SK/SE/TR

Objectives

- ◆ Analysis of teaching experiences and teaching possibilities in the process of learning
- ◆ Teachers' awareness about the possibilities of incorporating Internet in the process of learning, in this case Science
- ◆ Teachers' awareness about the possibilities of using linguistic strategies to improve the basic skills of reading comprehension and expression, and how these linguistic strategies can also improve the process of learning in Science
- ◆ The presentation, analysis, study and discussion of the elaborated materials (CDs) by the members of PEC Project

The course intends that the participants are able to:

- ◆ Analyse and evaluate some experiences already done with the Materials (CDs) elaborated by PEC Project members
- ◆ Use Internet to introduce authentic Science materials and real situations in secondary school lessons.
- ◆ Analyse and discuss the criteria used for selecting web pages
- ◆ Analyse and discuss the criteria used for elaborating the didactic activities
- ◆ Analyse, study and discuss didactic aspects of the CDs
- ◆ Try to design some didactic activities both linguistic and scientific for a selected web page
- ◆ Transfer this methodology to other educational levels and contexts (including self-learning) and dissemination of this methodology
- ◆ Promoting distance learning in science education

Program

- 3th July 2008
 Afternoon Session (14.00-16.00 h)
 Opening ceremony
 Presentation of the project
 Cultural visit to University of Lisbon (16.30-20h)
- 4th July
 Morning Session (9.30 -12.30 h)
 Studying and learning Sciences by reading and writing
 Linguistic and scientific skills
 Afternoon Session (14.00-17.00 h)
 Scientific curricula for compulsory education in the 7 countries
 Selected topics for working within the project
- 5th July
 Morning Session (9.30 -13h)
 Activities to develop linguistic and scientific skills
 Internet potentialities for the science classes
 Presenting some science web pages
 Afternoon Session (15.00-18.00 h)
 Cultural activity - Lisbon, historical centres
- 6th July
 All day (9h30-18h)
 Cultural activity - Lisbon surroundings
- 7th July
 Morning Session (9.30 -12.30 h)
 Some criteria to select web pages for science and linguistic activities
 Application of selection criteria. Trying to select a web page
 Proposal of didactic activities
 Afternoon Session (14.00-20.00 h)
 Presentation of some CDs - developed skills and didactic justification
- 8th July
 Morning Session (9.30 -12.30 h)
 Exploring web pages and activities in CDs (group working)
 Afternoon Session (14.00-17.00 h)
 Discussion about criteria and material presented
 Didactic Implications
 Distance Learning in Science Education
 Evaluation of CDs and activities
- 9th July
 Morning Session (9.30 -12.30 h)
 Design of some Scientific and Linguistic activities to exploit the web page previously selected (group work)
 Afternoon Session (14.00-18.30 h)
 Presentation of morning work
 General conclusions
 Evaluation of the course
 Closing ceremony
 20.00 h Farewell dinner.

Partners



Karadeniz Technical University



University of Leicester



Universidad de Alcalá



University of Helsinki



University of Gävle



Comenius University in Bratislava