How to become an Open Discovery Space school

The ODS (http://www.opendiscoveryspace.eu) community will include 2.000 Primary and Secondary European schools (2012-2015) and will actively engage 10.000 teachers and 30.000 students. ODS schools get access to a broad range of resources and services, including:

- National training events that enhance teachers' digital competences and empower them in using digital resources that promote innovative teaching practices.
- International teachers' meetings and training activities across Europe, where teachers are invited to present their own innovative practices.
- Integrated online access to more than 1.000.000 digital educational resources from a wide range of thematical categories. This is provided in conjunction with social networking services for teachers, students and parents from all over Europe enabling interaction and content sharing, beyond linguistic and cultural barriers.
- Technology solutions (applications, tools) and technical support for setting up or enhancing digital school libraries, based on the schools' needs.
- European school innovation contests for teachers and students.
- School self-reflection digital tools that monitor school progress in adopting technology and e-learning resources.

Stages of school participation

The ODS school network will evolve in three stages:

Phase 1 (January- April 2013): Selection of 100 european pilot schools that demonstrate a high degree of ICT integration (e-mature schools)

Phase 2 (September 2013- April 2014): Involvement of 500 additional european schools

Phase 3 (September 2014- April 2015): Involvement of 1.400 additional european schools

In order to participate in the school ODS network, please complete the e-maturity questionnaire available here **http://e-mature.ea.gr/** or contact us at **chelioti@ea.gr**

Nature of Inquiry in Inquiry of Nature

Winter School Programme

January 28th - February 1st, 2013
Vilnius, Lithuania

Education and Culture DG
Lifelong Learning Programme

ICTPSP

The winter school is organized in the framework of the COMENIUS-GRUNDTVIG In-Service Training Programme LD-Skills and is supported by the NATURAL EUROPE and OPEN DISCOVERY SPACE projects which are co-financed by the European Commission, ICT Policy Support Programme.

Organized by UAB Metis Baltic and Ellinogermaniki Agogi

PROGRAMME

	Monday	Tuesday	Wednesday	Thursday	Friday
	28 January 2013	29 January 2013	30 January 2013	31 January 2013	1 February 2013
10:00-12:00	**Opening Session** Ms. Urte Kurmanskyte Winter School Host Metis Baltic Introduction to Winter School Mr. Manfred Lohr BG/BRG Schwechat eLearning with iPads in Science Teaching	**Workshop** Designing MY Pathway… with colored pencils Collaborative Activity 'YES, AND…'	**Visit to the Old Observatory of Vilnius University and to the Planetarium**	**Workshop** Evaluation of the Pathway Authoring Tool Elaboration and Adaptation of MY pathway - Part 2	**Participants' Presentations** Conclusions, Evaluation of the Training Course **Workshop** Guidelines for follow-up activities - Closure
13:00-17:00	**Implementation of the IBSE model in technology-enhanced educational activities** Presentation of a pathway on the Pathway Player Demo of Pathway Authoring Tool *- General functions* *- How to add a resource* *- How to create a pathway*	**Workshop** Use of OER and Digital Libraries for MY Pathway	**Workshop** METADATA & IPR issues - Why metadata? - add metadata to your own resources - discussion on IPR issues Elaboration and Adaptation of MY pathway - Part 1	**Workshop** Finalization of MY Pathway Assessment of OUR Pathways using social tags	

JOIN THE OPEN EDUCATIONAL RESOURCES COMMUNITY

Open Discovery Space

A socially-powered and multilingual open learning infrastructure to boost the adoption of eLearning resources

Open Discovery Space (http://www.opendiscoveryspace.eu) aims to serve as an accelerator of the sharing, adoption, usage, and re-purposing of the already rich existing educational content base. It will demonstrate ways to involve school communities in innovative teaching and learning practices through the effective use of eLearning resources. Moreover, it will promote community building between numerous schools of Europe and empower them to use, share and exploit unique resources from a wealth of educational repositories, within meaningful educational activities. In addition, it will demonstrate the potential of eLearning resources to meet the educational needs of these communities, supported by European Web portal: a community-oriented social platform where teachers, pupils and parents will be able to discover, acquire, discuss and adapt eLearning resources on their topics of interest. Finally, it will assess the impact and document the whole process into a roadmap that will include guidelines for the design and implementation of effective resource-based educational activities that could act as a reference to be adopted by stakeholders in school education.

Natural Europe

Natural History & Environmental Cultural Heritage in European Digital Libraries for Education

'Natural Europe (http://www.natural-europe.eu) suggests a coordinated solution at European level to connect the digital collections of a number of European Natural History Museums. This way, the Natural Europe project aims to study prominent educational methods and deploy the necessary software tools to allow museum educators to design innovative online pathways through the Museums' digital collections. To this end, the federation of the Natural Europe digital libraries facilitates storage, search and retrieval of Natural History-related digital content; as well as navigation through educational content related to Natural History, Environmental Education, and Biological Sciences. To achieve this, Natural Europe offers novel graphical interfaces that facilitate the navigation of educational pathways within digital collections of European Natural History Museums. It also adapts and tests innovative interactive installations at the NHMs allowing visitors to follow educational pathways through Europeana's content on Natural History and Sciences, as part of the Museums' exhibition.

Open Science Resources

Towards the Development of a Common Digital Repository for Formal and Informal Science Education

"Open Science Resources" (OSR) (http://www.openscienceresources.eu) aims to promote science education, by connecting in class teaching with museum visits and field trips and by harvesting the potential of digital science education materials. To succeed in connecting formal and informal learning, a large pool of educational digital content has been created that offers to teachers access to the finest science museum collections of Europe as well as numerous respective educational activities that follow the Inquiry-Based Science Education (IBSE) approach. All the educational content and the educational activities (called educational pathways) are gathered and organized in an easy-to-use open repository. The OSR repository includes numerous educational materials (images of exhibits and scientific instruments, animations, videos, lesson plans, student projects) and more than 200 educational pathways with guidelines for interactive museum visits experiences.

LD-skills

Development of learning design skills for enhancing students' key competencies

LD-skills (http://www.ea.gr/ep/ld-skills/) is a pilot project that is funded by the European Commision's Comenius Multilateral project programme. It started on January 2011 and is expected to run for 2 years. The project aims to capture a variety of pedagogical models (inquiry-based and problem-based learning) for facilitating the process of strengthening students' key competencies. This will be achieved through the development, implementation and test of a training framework that will provide a means for creating learning activities into a workflow, capture a wide variety of pedagogical models and, provide a vehicle for the sharing and re-use of learning design patterns in schools.