

ENTREDU

<http://entreduea.gr/>

ENTREDU recognizes that the fundamental barriers to employing entrepreneurship cross-curricular spectrum education are not technical or financial, but psychological, organizational and cultural. Powerful methods for scaling up and transferring pilot implementations and for evolving the public's conceptions of learning and schooling are essential to take full advantage of the opportunities new technologies pose. The proposed project is attempting to add its contribution to these ambitious goals and visions, by designing and developing a socially empowered multilingual Portal that will highlight significant opportunities and challenges for innovation enabling a more effective exploitation of the rich but disperse entrepreneurship cross-curricular spectrum educational content available in the digital repositories across Europe. The work will focus on the exploitation of the learning context characteristics that best practices cross-curricular spectrum are using and will propose methods for classifying and relating digital educational resources with the learning context of use. The Portal will therefore develop awareness of entrepreneurship cross-curricular spectrum from an early age. Introducing young people to entrepreneurship through cross-curricular spectrum that will be offered through the Portal will develop their initiative and help them to be more creative and self-confident in whatever they undertake and to act in a socially responsible way.



GreeNET

<http://greenet.ea.gr/>



The GreeNET network aims to address the increasing necessity to develop an integrative approach in environmental sciences. More specifically, collecting ground-breaking initiatives in the area of environmental education and green careers counseling, it shall disseminate and inspire relevant good practices. To this end, a European web of teachers will be formed and specially trained through specific educational actions, contests, and summer schools, to develop the competencies necessary in order to select and adapt and use in class cutting-edge approaches in environmental education. The formed network will take up the results and use them in a way that generates new ideas and innovative solutions, achieving extended awareness-raising on environmental issues. Ultimately, the objective is to help students to become more active and responsible, both locally and globally. This way, GreeNET will result in a strong environmental conscience in school communities, leading students to comprehend the significance of protecting the natural environment, as well as the importance of a balanced ecosystem for the orderly operation of human life, thus achieving a major goal of the classroom. The project aligns with the recommendations of the High Level Group on Science Education (Rocard, 2007) for increased young peoples' interest in science, thus leading to active participation in initiatives for the protection of the environment, directly linked to various school science subjects and to the future choice of career paths.

Open Discovery Space

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

Open Discovery Space (<http://www.opendiscovery.space.eu>) aims to serve as an accelerator of the sharing, adoption, usage, and re-purposing of the already rich existing educational content base. It demonstrates ways to involve school communities in innovative teaching and learning practices through the effective use of eLearning resources. Moreover, it promotes 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 demonstrates 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 are 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.



Inspiring Science Education

Providing access to inspirational digital resources and learning opportunities



Our mission in the Inspiring Science Education (<http://www.inspiring-science-education.net/>) is to provide digital resources and opportunities for teachers to help them make science education more attractive and relevant to students' lives. Through the Inspiring Science Education website and the activities organised by the partners, teachers can help students make their own scientific discoveries, witness and understand natural and scientific phenomena and access the latest, interactive tools and digital resources from within their classrooms. Inspirational science teachers are at the heart of successful science teaching – ask any scientific Nobel prize-winner who had the greatest influence on their decision to become a scientist and invariably the answer will be – my science teacher! So what is it that makes a science teacher truly inspirational? That's one of the conundrums we aim to unravel in the Inspiring Science Education project. That's why we will be setting up workshops and exchanges, communities of practice and learning opportunities for science teachers and teacher trainers aimed at helping them find ways to make their teaching of science more inspirational.

ENVIRONMENTAL PROTECTION AND THE WORLD OF WORK

Summer School Programme July 13th – July 18th, 2014 Marathon, Attica, Greece

PROGRAMME

| | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday |
|----------------|---|--|---|--|--|---|
| | 13 July 2014 | 14 July 2014 | 15 July 2014 | 16 July 2014 | 17 July 2014 | 18 July 2014 |
| 09:30 to 12:30 | Participants' Arrivals and Registration | Introductory Session Vision Building Workshop – Green Education and Youth Entrepreneurship in Schools [PART A] | Presentation – entrepreneurial activities; participants share their experiences from activities and projects they have so far implemented; discussion on strong and weak aspects, reflections on Lessons Learnt and next steps Ms Kare Moberg, Denmark Ms Maria Laina, Greece Mr Bruno Apolloni, Italy Mr Ruskov Petkor, Bulgaria Mr Allan Nordby Ottesen, Belgium | Visit to Ellinogermaniki Agogi School Our School Garden Argiris Tzikopoulos Vassiliki Markaki Ellinogermaniki Agogi | Designing a school project: steps, ideas, concepts, design process, DOs and DONTs Group Work: co-design of an educational scenario based on discussions on entrepreneurial and environmental issues - sharing ideas and resources Finalization of the educational scenarios based on discussions on entrepreneurial and environmental issues Argiris Tzikopoulos and Vassiliki Markaki Ellinogermaniki Agogi | Participants' Presentations, reflection and certificates Closing Lecture (12:30 – 13:30) Environmental literacy: Covering knowledge, attitudes and behaviour at green outreach sites Franz Bogner University of Bayreuth |
| 15:00 to 17:00 | Opening Session (18:00 – 21:00) From Big Bang to Black Holes Rosa Doran NUCLIO Effective ways to introduce innovation in schools Nikitas Kastis MENON Network The importance of Geospatial Thinking Marinos Kavouras National Technical University of Athens Quantum Physics and Entrepreneurship Renaat Frans Limburg Catholic University College | [14:00-15:30] Vision Building Workshop – Green Education and Youth Entrepreneurship in Schools [PART B] | Group Discussion: how to create a learning community – engagement of learners, collection and diffusion of educational resources, design of learning scenarios Group Work: Building Teachers' Communities [GreeNET, ENTREDU] Argiris Tzikopoulos Ellinogermaniki Agogi | Visit to the Acropolis Museum and Acropolis Dinner | Effective use of technology and digital tools Presentation of educational scenarios Argiris Tzikopoulos and Vassiliki Markaki Ellinogermaniki Agogi Invited Lecture 17:00 – 18:00 Scientix workshop Gina Mihai European Schoolnet Farewell Dinner | Participants' Departures |

EVENTS

Visit to Cape Sounio, Sanctuary of Poseidon (July 14th, 18:45 – 23:00)



Cape Sounio is a promontory located 69 kilometres from Athens, at the southernmost tip of the Attica peninsula. According to legend, Cape Sounion is the spot where Aegeus, king of Athens, leapt to his death off the cliff, thus giving his name to the Aegean Sea. The sanctuary of Poseidon, one of the most important sanctuaries in Attica, is also located at Sounio. Archaeological finds on the site date from as early as 700 BC. Herodotus tells us that in the sixth century BC, the Athenians celebrated a quadrennial festival at Sounion, which involved Athens' leaders sailing to the cape in a sacred boat. The later temple at Sounion, whose columns still stand today, was probably constructed in 450-440 BC, over the ruins of a temple dating from the Archaic Period. Poseidon, the "God of the Sea" was considered to be a powerful god, second only to Zeus (Jupiter). The temple at Cape Sounion, was a venue where mariners, and also entire cities or states, could propitiate Poseidon, by making animal sacrifice, or leaving gifts.

Visit to the Acropolis Museum (July 16th, 16:30 – 18:30)



The New Acropolis Museum under the Acropolis of Athens "came to life" when at 2000, the Organization for the Construction of the New Acropolis Museum announced an invitation to a new tender, which came to fruition with the awarding of the design tender to Bernard Tschumi with Michael Photiadias and their associates and the completion of construction in 2007. The Museum has a total area of 25,000 square meters, with exhibition space of over 14,000 square meters, ten times more than that of the old museum on the Hill of the Acropolis. The new Museum offers all the amenities expected in an international museum of the 21st century. Permanent exhibitions: The Gallery of the Slopes of the Acropolis, The Archaic Gallery, The Parthenon Gallery, Propylaea-Athena Nike-Erechtheion, from 5th century BC to 5th century AC.

Visit to the Acropolis of Athens (July 16th, 19:00 – 20:30)



The greatest and finest sanctuary of ancient Athens, dedicated to the goddess Athena, dominates the centre of Athens from the rocky crag of the Acropolis. The most celebrated myths; religious festivals; earliest cults are all connected to this sacred precinct. These unique masterpieces of ancient architecture combine different orders and styles of Classical art in a most innovative manner and have influenced art and culture for many centuries. The Acropolis of the 5th century BC is the most accurate reflection of the splendour, power and wealth of Athens at its greatest peak, the Golden Age of Pericles. In the mid-fifth century BC, when the Acropolis became the seat of the Athenian League, Pericles initiated an ambitious building project which lasted the entire second half of the fifth century BC. The architects, Ictinos and Callicrates, began the erection of this unique monument at 447 BC and the building was substantially completed by 432 BC. The most important buildings visible on the Acropolis are the Parthenon, the Propylaea, the Erechtheion and the temple of Athena Nike.