

OSOS Open Schools for Open Societies



OSOS is supporting a large number of European schools to implement Open Schooling approaches by a) setting out the open schooling values and principles for action around curriculum, pedagogy and assessment; b) offering guidelines and advice on issues such as staff development, redesigning school timetable, and developing partnerships with relevant stakeholder organisations (local industries, research organisations, parents associations and policy makers); and c) suggesting a range of possible implementation models from small-scale prototypes through to setting up an "open school within a school" or even designing a "new" school. These approaches will be evaluated in more than 1,000 school environments in 11 European countries (Greece, Germany, Italy, France, Israel, Ireland, the Netherlands, Spain, Portugal, Finland, Bulgaria). The themes of the project activities that will take place in participating schools will

focus on areas of science linked with the Grand Societal Challenges as shaped by the European Commission, will be related to Responsible Research and Innovation and will link with regional and local issues of interest. By proposing and implementing such formats in 12 countries, the project aims to facilitate the transformation of schools to innovative ecosystems, acting as shared sites of science learning for which leaders, teachers, students and the local community share responsibility, over which they share authority, and from which they all benefit through the increase of their communities' science capital and the development of responsible citizenship. <http://www.openschools.eu>

EEPEK Scientific Association for the Promotion of Educational Innovation



EEPEK (Epistimoniki Enosi gia tin Proothisi tis Ekpaideftikis Kainotomias), i.e. Scientific Association for the Promotion of Educational Innovation, is a Greek not-for-profit organization. EEPEK members are education professionals from all levels of education, from pre-school to Secondary and Higher education as well as adult education. Their mission is the promotion of innovation in education through a series of events and activities that support the creation, evaluation and dissemination of innovative educational practices, methodologies and tools within the Greek Education System and the society at large.

The above is achieved through actions such as training seminars, workshops, and conferences, as well as through participation and cooperation in the frameworks of national and European programs. EEPEK operates an e-portal (www.eepek.gr) where the proceedings of its four annual conferences, attended by hundreds of educators, with more than 1,200 educational works which are publicly available. Additionally, the e-learning platform of EEPEK offers on-line courses involving hundreds of trainers, electronic discussion groups and the exchange of ideas and experiences among teachers. <https://www.eepek.gr>

SNAC School Networks Alert Citizens protection



SNAC project, building on the concept of Open Schooling, aims to perform an extended proof of concept experiment to a) transform schools in South Eastern Mediterranean basin countries to local hubs of education, innovation and information about earthquakes and disaster prevention, connecting them with local authorities, local civilian protection agencies, local business, research and science centres and other local stakeholders in the process and b) engage students in real-life projects that are proposing innovative solutions adopted to the local conditions by employing real-problem solving skills, handling and studying situations, and participating in meaningful and motivating science inquiry activities on earthquake disaster prevention and mitigation. The objective of this combination is on one hand to increase children's and students' interest in science and how it affects every-day life and on the other to stimulate teacher motivation on up-taking innovative teaching methods, subjects and practices to enrich and renew the science curriculum. <http://snac-project.ea.gr/>

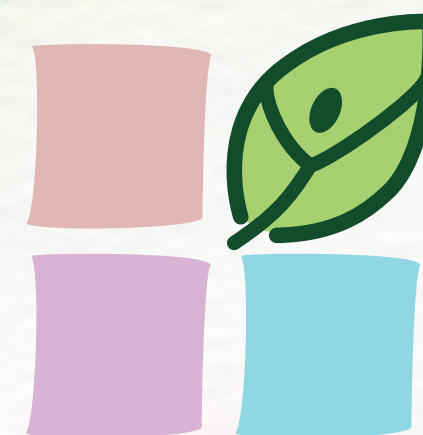
OSJ Open Schools Journal for Open Science



The Open Schools Journal for Open Science (OSJ) is your pathway to publish the results of school projects in a real scientific journal, the same way that is done in mainstream research. It is also a fantastic opportunity to bring students and parents closer to the actual workings of the scientific community, boost the image of science, tackle misconceptions and promote scientific careers to young learners and their families. It also a highly valued approach to open schooling, as it often promotes synergies between schools and local stakeholders, such as museums, labs, science centres, tech companies, etc. The OSJ is the first European peer reviewed scientific journal which accepts original papers written by school age students from Primary to Secondary schools across Europe under the mentoring of their teachers on all aspects of Science, Engineering and Technology. Students

and teachers, via school projects, produce results and handle scientific data that can be published in this journal. The Journal publishes articles on a regular basis. Publication is free of charge and the Journal carries articles in English. <https://ejournals.epublishing.ekt.gr/index.php/openschoolsjournal/index>

Open Schools for Open Societies Summer School 2019



Open Schools for Open Societies

Programme

July 7th – July 12th, 2019

Marathon, Attica, Greece

PROGRAMME

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
7 July 2019	8 July 2019	9 July 2019	10 July 2019	11 July 2019	12 July 2019
<p>Participants' Arrivals ⊗ Registration (from 14:00 on)</p>	<p>09:30 – 10:30 The OSOS Open Schooling Roadmap Dr. Sofoklis Sotiriou <i>Ellinogermaniki Agogi</i></p> <p>10:30 – 11:30 Students as scientists: From school projects to scientific papers Stephanos Cherouvis Nikos Zygouritsas <i>Ellinogermaniki Agogi</i></p> <p>11:45 – 13:00 Identifying the real needs of your school: The Open School Self-Reflection Tool and Development Plan Nikos Zygouritsas Stephanos Cherouvis <i>Ellinogermaniki Agogi</i></p>	<p>09:30 – 11:30 Workshop: Historical paths become paths of knowledge. An innovative approach via geographic information system (GIS) Athanasios Dimou <i>Surveyor Engineering and Geoinformatics, M.Sc, M.Sc</i></p> <p>11:45 – 13:00 Workshop: Using Responsible Resesearch and Innovation (RRI) on each country's local products as a job orientation for students Dr. Asimina Kontogeorgiou <i>Coordinator for Natural Sciences in Secondary Education, Greek Ministry of Education</i></p>	<p>09:30 – 11:30 Workshop: Discover Nature's Genius in Greece: Biomimicry methodology Dr. Kleopatra Alamantariotou <i>CEO, Biomimicry Greece Research & Innovation Center</i></p> <p>11:45 – 13:00 Workshop: The Open Schools for Open Societies platform Dr. Asimina Kontogeorgiou <i>Coordinator for Natural Sciences in Secondary Education, Greek Ministry of Education</i> Nikos Zygouritsas Stephanos Cherouvis <i>Ellinogermaniki Agogi</i></p>	<p>09:30 – 11:30 Workshop: Uploading school projects on the OSOS platform</p> <p>11:45 – 13:00 Evaluating school projects Stephanos Cherouvis Nikos Zygouritsas <i>Ellinogermaniki Agogi</i></p>	<p>09:30 – 11:30 Participants' Presentations, Reflection</p> <p>11:45 – 13:00 Participants' Presentations, Reflection & Certificates</p>
<p>15:00 – 17:30 Introduction of the team / Ice breaking and Team Building Activities</p>	<p>15:00 – 17:30 OSOS school projects and best practices Stephanos Cherouvis Nikos Zygouritsas <i>Ellinogermaniki Agogi</i></p>	<p>15:00 – 17:30 Workshop: Developing innovative school projects Dr. Asimina Kontogeorgiou <i>Coordinator for Natural Sciences in Secondary Education, Greek Ministry of Education</i> Nikos Zygouritsas Stephanos Cherouvis <i>Ellinogermaniki Agogi</i></p>	<p>16:00 – 23:00 Visit to the Acropolis Museum and the Acropolis</p> <p>Dinner at Plaka</p>	<p>15:00 – 17:30 Workshop: Building synergies around Europe with common projects Dr. Sofoklis Sotiriou <i>Ellinogermaniki Agogi</i></p>	<p>Participants' departures</p>
<p>18:00-20:00 Key Notes Open Schools for Open Societies Sofoklis Sotiriou <i>Ellinogermaniki Agogi</i></p> <p>Educational Seismology Networks Gerassimos Chouliaras <i>National Observatory of Athens</i></p> <p>Communities to Communities - the Roadmap for 21st Century Education Rosa Doran <i>NUCLIO</i></p> <p>Rethinking Science Education Using Go-Lab Jens Koslowsky <i>Ellinogermaniki Agogi</i></p>	<p>Visit at Cape Sounio, Sanctuary of Poseidon</p>			<p>Farewell Dinner</p>	

EVENTS

Visit to Cape Sounio, Sanctuary of Poseidon (July 8th, 18:00 – 23:30)



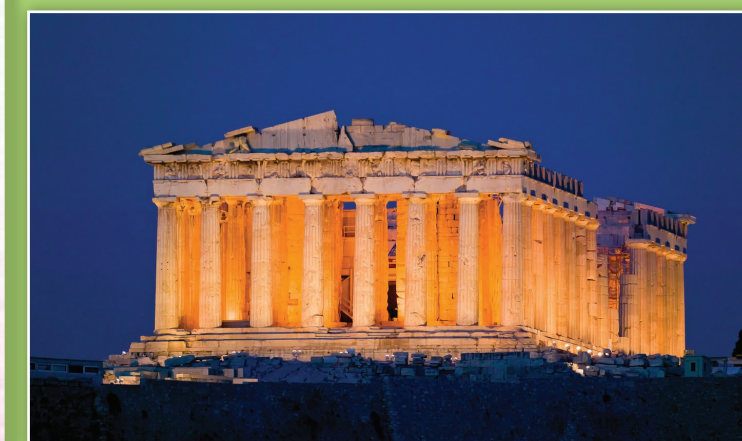
Cape Sounio is a promontory located 69 kilometres from Athens, at the southernmost tip of the Attica peninsula. According to legend, Cape Sounion is the spot where Aegeus, king of Athens, leapt to his death off the cliff, thus giving his name to the Aegean Sea. The sanctuary of Poseidon, one of the most 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 10th, 16:00 – 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 Photiadis 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 10th, 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.