


Arsakeio Lyceum of Patras

Name of the organisation :	Arsakeio Lyceum of Patras	
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Type of organisation:			
SME <input type="checkbox"/>	School <input type="checkbox"/>	University <input type="checkbox"/>	Public Authority <input type="checkbox"/>
Training <input type="checkbox"/>	No Profit <input checked="" type="checkbox"/>	NGO <input type="checkbox"/>	
Other (Specify)			

Fields of action :			
SMEs <input type="checkbox"/>	Youth <input type="checkbox"/>	Universities <input type="checkbox"/>	Public Authorities <input type="checkbox"/>
Equal opportunities <input type="checkbox"/>	Schools <input checked="" type="checkbox"/>	Unemployed <input type="checkbox"/>	
Other (Specify)			

Description of the organisation

Arsakeio Lyceum of Patra is one of many schools which belong to the Society for the Promotion of Education and Learning (called Filekpedeftiki Etaireia) and they are situated in Athens, Thessaloniki, Patra, Ioannina and also Tirana (Albania).

Filekpedeftiki Etaireia, founded in 1836 is a public non-profitable welfare foundation. It is the oldest educational foundation in Greece which through the years, despite all the external changes and adjustments to any varied situations, achieved to maintain its educational character following the main ideals since its foundation: the cultural provision to the Greek children.

The "Upper Schools" of The Society for the Promotion of Education and Learning (Filekpedeftiki Etaireia) were recognized as equivalent to the State Schools for the first time in 1861 and in 1936 were incorporated in the workforce of the State education into Teaching Academies.

Moreover, the degrees of each grade issued by the Arsakeia Schools are equivalent to those of the State Schools. The educational and the administrative personnel of the institution have the same benefits with those who work in the public education sector and receive state pensions.

The premises of Arsakeio Lyceum of Patra combine the very best of environmental and building specifications. The lessons take place in modern classrooms equipped with interactive whiteboards. There are also three laboratories of Physics, Chemistry and Biology fully equipped with the most contemporary arrangements, instruments, teaching visual aids, computers connected to the Internet, slides, projectors, printers etc.

Students and teachers can also use a library, a Computer laboratory and also "The Sciences Centre".

"The Sciences Centre", after its official inauguration in December 2009, addresses students, teachers, as well as anyone wishing to be informed about a variety of scientific and educational issues. It provides motivation as it leads the way to deeper insight and understanding of scientific terms and natural phenomena. Students of Secondary Education have the opportunity to familiarise themselves with Sciences through educational activities of CES, which are complementary to the educational process. Last but not least, it offers teachers the opportunity to be acquainted with methods of immediate approach of the scientific notions taught in class.

The exceptional successes of its students sitting for the General Exams prove the high standard of the education offered by the Arsakeia Schools. But it is not only the teaching process. The students are impelled to participate in

National individual competitions concerning lessons such as Mathematics, Physics, Chemistry, in student conferences such as MUN (Model United Nations) or even in group competitions such as "F1 in schools" and "Young Entrepreneurship".

Finally, many students participate in Summer Schools which are organized by Arsakeio Lyceum of Patra in cooperation with several departments of the University of Patra.

Experience of the organization in previous European projects

Arsakeio Lyceum of Patras – ERASMUS+ PROGRAMS

1. "C.L.I.C.K." (2015-1-LT01-KA219-013406-5), 2015 - 2017.
2. "CULTIVATING LANGUAGES AND YOUNG ENTREPRENEURSHIP" (2017-1-LV01-KA219-035445-2), 2017 - 2019.
3. "DOWELLSCIENCE", (2017-1-IT02-KA201-036780, 2017-2019).
4. "CITIZEN SCIENCE FOR EDUCATION IN SUSTAINABLE DEVELOPMENT CS4ESD", (2018-1-UK01-KA201-048161), 2018-2021.
5. "GAMIFIED CAREER GUIDANCE: PROMOTING MEANINGFUL AND PARTICIPATIVE CAREER CONSTRUCTION AND VOCATIONAL DEVELOPMENT THROUGH A GAMIFIED DIGITAL PLATFORM G-GUIDANCE", (2019-1-PT01-KA201-061342), 2019-2022.
6. "ENERGY RESOURCES FOR SUSTAINABILITY E.R.4.S.", (2019-1-EL01-KA229-062472_2), 2019-2021.
7. ROBOSTEM, "A TRAINERS TOOLKIT TO FOSTER STEM SKILLS USING MICROCONTROLLER APPLICATIONS", 2019-2021.
8. LTDAT, "LEARNING THROUGH TRADITIONAL DANCING AND ANCIENT THEATRE", 2019-2021.

Experience and Expertise of the organization in the project's subject area

Teachers and students use **e-arsakeio** which is the Arsakeia Schools Digital School platform.

In e-arsakeio there is rich and valuable training material for students and support material for teachers. This material is designed by teams of teachers and coordinators of Greek, Mathematics, Physics and Foreign Languages. The material is tested, enriched and updated continuously. It includes courses, presentations, worksheets, interactive exercises, multimedia applications such as video tutorials and simulations. It is

selected to suit the students' needs and interests and contributes to a more pleasant and playful learning. Interactive evaluation exercises that have been created in each course offer the opportunity for the students to work at their home in a secure environment.

The lessons of Physics, Chemistry, Biology and Informatics take place every day at the four modern and fully-equipped laboratories. The students can work in groups carrying out experiments which will enable them to learn or confirm the basic laws of Nature in Physics, Chemistry and Biology, or to develop intelligent systems for their needs by programming through arduino software.

Contributions that can be provided to the project

Arsakeio Lyceum of Patra can :

- test the intellectual output
- participate in designing the teaching and learning materials, depending on the skills of its teachers
- diffuse the results of the project to other schools in Greece through multiplier events.

Reasons of involvement in the project

Arsakeio Lyceum of Patras is being involved in this project because :

The teachers will:

- increase their skills and adopt innovative methods for motivating students to study.
- improve the use of ICT teaching materials to stimulate students during the teaching process.
- communicate with colleagues from other schools and exchange opinions about teaching methods.
- They will enhance their teaching by focusing on European principles and values, multiculturalism using digital tools and inspire their students in this orientation.

The students will::

- Consolidate their National Identity.
- Assimilate democratic values and fundamental rights through the use of empathic educational tools.
- Cultivate and consolidate the value of the active citizen.

Contact Person's Experience and Expertise

1. Emmanouil Petrakis is a Physics teacher and Headmaster of Arsakeio Lyceum of Patra.
1988: Graduated from the University of Patra, Department of Physics in 1988.
1993: Phd thesis in Fluid Mechanics.
1995- : Physics teacher in Arsakeio Lyceum of Patra
1998-2010: Lecturer in the Technological Institute of Patra.
2011-2014: Deputy Director in Arsakeio Lyceum of Patra.
2014- : Headmaster of Arsakeio Lyceum of Patra
He is the legal representative of the School and is a leader in eight European programs.
He has published more than 30 scientific papers in international scientific journals and conferences in the fields of Fluid Mechanics, Renewable Energy Sources and Parabolic Photovoltaic Systems.

2. Patroula Kafousia is an English Teacher who has worked in primary and secondary education for 15 years. When she graduated she started working as a substitute teacher in the public primary education sector. In 2008 she moved to London where she completed her postgraduate studies focusing in Modern and Postmodern Literature and Poetry. Since her return, she has been working in Education working with children and teenagers. In 2014 she started working in our school working on all levels of junior high school and high school. In 2017, she attended an online course running for 15 weeks on Developing Multiple Intelligences in Learning and Education. It was a programme which focused on understanding the theory of multiple intelligences and acquiring the skills necessary to be able to use activities to enhance students' multiple intelligences (linguistic, mathematical, musical, interpersonal, intrapersonal, bodily-kinesthetic, etc). From 2017-2019 she was the contact person of the Erasmus programme our school was participating in called 'Cultivating Languages and Youth Entrepreneurs', a programme centred around motivation in foreign language learning and how to implement it in real life as a stepping stone for a successful career in Entrepreneurship. The programmes also helped develop students' ICT skills and competences by creating video stories about the progress of the project and its activities and strengthened the participants' understanding of EU cultural diversity and intercultural competences.