Online Professional Development Workshop

Media Literacy Education in Early Childhood Education and Care

Programme

Sport
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Youth
Higher education
Vocational education and training
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School education

Media Literacy Education in Early Childhood Education and Care

• **29** September – **01** October **2021** •

Programme

Day 1

15:00 - 15:15	Opening
15:15 - 15:45	Introduction – eTwinning: Fostering Creativity and Innovation in Early Childhood Education and Care Irene Pateraki
15:45 - 16:15	Keynote 1 – Exploring ECEC Across Europe Gerladine Lebreau
16:15 - 16:45	**Short Break**
16:45 - 17:30	Keynote 2 – Digital Transformation Starts from Pre-School Zacharoula Smyrnaiou & Dr. Maria Papadopoulou
17:30 - 18:00	Networking Activity

Day 2

15:00 - 15:30 Keynote 3 – Profession for Early Childhood Education
Branislav Pupala

15:30 - 15:45 **Short Break**

15:45 - 17:00 Workshop SLOT 1 (5 in parallel)

W1 Developing Media Literacy Competences in the Young Learner Classroom
Angeliki Kougiourouki & Natalia Tzitzi

W2 Developing Media Literacy Skills for Preschoolers Using Europeana Resources
Theodora Gkeniou

W3 Creations of STEAM Approaches – The Value of Creating In-Depth
Zacharoula Smyrnaiou, Eleni Georgakopoulou & Stathoula Pantazopoulou

W4 From Art to Science – STEAM Projects in School & University Collaboration
Tomasz Ordza

W5 Professional development for inclusive schools: Reflections based on experience from the ISOTIS research program
Kostas Tsioumis & Efi Penderi

17:00 - 17:15 **Short Break**

17:15 - 18:30 Workshop SLOT 2 (4 in parallel)

W3 Creations of STEAM Approaches – The Value of Creating In-Depth
Zacharoula Smyrnaiou, Eleni Georgakopoulou & Stathoula Pantazopoulou

W4 From Art to Science – STEAM Projects in School & University Collaboration
Tomasz Ordza

W6 True or False? Fostering Teamwork and Collaborative Work in ECEC
Sophia Kouzouli & Maria Skordili

W7 Teachers' Tools and Practices for Media Literacy Education
Rania Bekiri & Angeliki Kougiourouki

15:00 - 15:30	Keynote 4 – Europeana in ECEC: Introducing Cross-Curricular and Multi-Disciplinary Approaches
	Rafael Montero

15:30 - 15:45	**Short Break**

15:45 - 17:00   Workshop SLOT 3 (4 in parallel)

W1   Developing Media Literacy Competences in the Young Learner Classroom
Angeliki Kougiourouki & Natalia Tzitzi

W2   Developing Media Literacy Skills for Preschoolers Using Europeana Resources
Theodora Gkeniou

W6   True or False? Fostering Teamwork and Collaborative Work in ECEC
Sophia Kouzouli & Maria Skordili

W7   Teachers' Tools and Practices for Media Literacy Education
Rania Bekiri & Angeliki Kougiourouki

17:00 - 17:15	**Short Break**

17:15 - 18:30	Practices Sharing | Closing

Introduction: eTwinning – Fostering Creativity And Innovation In Early Childhood Education And Care

Irene Pateraki

Early childhood education and care (ECEC) policy has a key role to play in the European Commission's vision to achieve a European Education Area by 2025, as outlined in the 2020 Communication. Early childhood education and care lays the foundation for further learning and is an effective investment in education and training, as early years influence individuals' prospects concerning education, employment and integration later in life. To this regard, eTwinning offers professional development and recognition to ECEC staff but most importantly opportunities for their students to collaborate and work creatively with students from other countries and be better prepared to succeed in educational contexts throughout life. Through project-based learning projects, students construct their own knowledge, develop their critical thinking and intercultural understanding and learn and discover fundamental lessons about themselves and the world in innovative ways.

Irene Pateraki is working as Pedagogical and Monitoring Manager in the European Schoolnet for the project eTwinning. She holds a Master's Degree in Multicultural Education and she has worked several years as kindergarten teacher. For six years, she was seconded in the Greek Ministry of Education and worked as pedagogical expert in the National Support Service of eTwinning. She has also organized and facilitated several online courses, webinars, conferences and workshops for teachers from 44 countries. She has presented her work in various educational conferences.

KN1: Exploring ECEC Across Europe

Gerladine Libreau

KN2: Digital Transformation Starts From Pre-School

Zacharoula Smyrnaiou & Dr. Maria Papadopoulou

The process of using digital technologies to reshape Europe is accelerating. A truly inclusive digitally empowered Europe plans to seize the benefits of a common digital strategy for the decade 2021 - 2030, aims to build smarter cities, promises to improve access to eGovernment and eHealth services and emphasizes the upgrading of digital skills for all. The objectives and principles of the digital transformation strategy for education focus on addressing the digital skills gap by promoting a life-long learning model, and on modernizing the education system by ensuring that the "the necessary skills are developed throughout initial education to thrive in a Future of Work context. Such a learning journey would span from a reinvention of early childhood education (to learn flexibility, tolerance

for uncertainty, a growth mindset, etc.) all the way to the continuous teaching of basic digital skills as part of all primary, secondary and tertiary education." How would such a "reinvention of early childhood education help preschoolers and their teachers navigate the digital (transformation) age? The talk's aim is to provide a satisfactory answer to this question.

Zacharoula Smyrnaiou is Associate Professor in "Contemporary Learning Theories and Science Education", Researcher in Educational Technology Lab (Department of Educational Studies, National and Kapodistrian University of Athens) and Vice President of the B.O.D. of the Computer Technology Institute and Press "Diophantus". In the recent years, her research interests and publications concern the teaching of science using new information technologies, the integration of computers in education, the conception and the development of educational software and the Educational Sciences.

Maria Papadopoulou holds a Bachelor in Classical Philology, a Master in Linguistics and a PhD in Classical Philology (University of Athens). In 2014, she earned a Marie Curie Postdoc (University of Copenhagen), and in 2016, she was named Seeger Fellow (Princeton University). In 2017 she joined LISTIC lab, the computer department of the University Savoie Mont Blanc (France), where, in 2018, she co-founded the Ontology for Digital Humanities initiative, whose aim is to enhance digital literacies in Linked Open Data. Since 2019, in collaboration with Ass. Prof. Z. Smyrnaiou (University of Athens), she has worked on raising awareness about European collaborative platforms (eTwinning) and about future-readiness in education from pre-school through to higher education and beyond.

KN3: Profession For Early Childhood Education

Branislav Pupala

Today, we perceive pre-school care mainly as a pedagogical mission. However, the function of this segment of education is much broader and more complex: it has specific historical roots and is a service not only for children but also for parents and the community. The complexity of the mission is reflected in the professional identity of ECEC staff and its professional diversity. Professional development in this segment means supporting the quality of the entire team, not just the personal professional development of individuals.

Dr. Branislav Pupala is currently a Full Professor at the Faculty of Education in the Trnava University in Trnava (Slovakia) and a Senior Research Fellow at the National Institute for Education. He has an extensive professional and academic experience, while his main focus on research is on policy in the field of ECCE, curriculum development, comparative/international studies in ECEC. He has authored 8 books and more than 280 articles/papers in national and international journals. Currently he is a member of the Professional Development Advisory Board of European Schoolnet in the field of Early Childhood Education and Care.

KN4: Europeana In ECEC: Introducing Cross-Curricular And Multi-Disciplinary Approaches

Rafael Montero

The Europeana Platform and the Teaching with Europeana (TwE) Blog are sources of teacher-based, ready-to-use knowledge for interested professionals in education. In this keynote we will review the resources available for ECEC teachers and find inspiration in some practical examples.

Rafael Montero is an Industrial Engineer with a master's in mechanical design. He is a Math teacher at Corazón de María School (Gijon, Spain) where he, as European Projects Coordinator, has developed over eight Erasmus projects. His objectives are to develop scientific vocations among the students and to raise the European dimension of his educational community. He is an eTwinning and Europeana Ambassador and moderates the STEM Featured Group in eTwinning.

Workshops

WS1: Developing Media Literacy Competences In The Young Learner Classroom

Angeliki Kougiourouki & Natalia Tzitzi

In this workshop, the ECEC eTwinners will be presented with the Media Literacy competencies for young learners as well as the techniques and strategies for the effective online classroom. With this input in mind, the participants will work together in breakout rooms to fix their own blend.

Angeliki Kougiourouki is a primary school teacher who also has a degree in History. She holds a MEd in Visual Culture. She came across eTwinning in 2012 and has been coordinating eTwinning and Erasmus projects ever since. She became an eTwinning Ambassador in 2015, after which she organised many online and on-site seminars, ambassadors' webinars and Learning Events. Angeliki is moderating the Creative Classroom eTwinning featured Group encouraging teachers to take part in creative activities, expert talks and events.

Natalia Tzitzi is a teacher of English. She holds an MEd in Teaching English as a Foreign Language. She has been an eTwinner since 2005 and an eTwinning Ambassador since 2015. She has participated as an expert in eTwinning Ambassadors Courses, Learning Events and webinars since 2017. She is very much interested in media literacy, technology in education and teacher professional development.

WS2: Developing Media Literacy Skills For Preschoolers Using Europeana Resources

Theodora Gkeniou

Europeana empowers the cultural heritage sector in its digital transformation. It develops expertise, tools and policies to embrace digital change and encourage partnerships that foster innovation. Europeana works with thousands of European archives, libraries and museums to share cultural heritage for enjoyment, education and research. Its website gives you access to millions of books, music, artworks and more in an effort to contribute to an open, knowledgeable and creative society. As part of this workshop, preschool teachers will become familiar with the Europeana Education initiative and explore resources to be used in order to develop media literacy skills for their young students, with a view to promoting the critical thinking competence and using culture to enrich their classroom. From the Olympic Games to fairytales, the Europeana portal provides a wealth of original resources to appreciate and embrace digital heritage through practical ideas and activities.

Theodora Gkeniou is an English language teacher and she has been moderating the ESL featured eTwinning Group with nearly 20.000 members for 5 years. She has been appointed as a Europeana ambassador for EUN and has been working as an eTwinning and Scientix ambassador, and as an IT pedagogical trainer in her country of origin, Greece. Being the Chair of the Local English Teachers Union, she has been promoting professional development and mentoring activities for teachers, creating synergies with organisations such as museums and public libraries. European project management, the educational potential of digital cultural heritage, and mobile learning are among her main fields of interest.

WS3: Creations Of STEAM Approaches – The Value Of Creating In-Depth

Zacharoula Smyrnaiou, Eleni Georgakopoulou & Stathoula Pantazopoulou

In the context of this workshop, innovative teaching methods will be introduced in pre-school and primary education. Along with the skills of the 21st century, the logic of the workshop serves a dual purpose: i. the enhancement of new learning theories in educational practice, and the experiential and exploratory learning, aiming at the most direct and active participation of students in the classroom, and ii. the training of teachers in methodologies of new context of teaching. Modern Learning Theories and Steam approaches can help students and teachers meet the challenges of an ever-changing environment. Are STEAM approaches the basis for a new educational framework? "CREATIONS" EU Project (H2020-SEAC-2014-1 CSA, 665917) gives the answer by combining Art with Science (http://creations-project.eu/)

Zacharoula Smyrnaiou is Associate Professor in «Contemporary Learning Theories and Science Education», Researcher in Educational Technology Lab (Department of Educational Studies, National and Kapodistrian University of Athens) and

Vice President of the B.O.D. of the Computer Technology Institute and Press "Diophantus". In the recent years, her research interests and publications concern the teaching of science using new information technologies, the integration of computers in education, the conception and the development of educational software and the Educational Sciences.

Eleni Georgakopoulou is a Ph.D. Candidate in the Department of Education Studies, School of Philosophy, National and Kapodistrian University of Athens (https://en.eds.uoa.gr/). She has completed her MA in Theory, Practice and Evaluation of Educator's Work: Educational Design and Teaching, offered by the Faculty of Philosophy, Pedagogy and Psychology of the National and Kapodistrian University of Athens. Her scientific and research interests focus on students' cognitive development, the importance of cognitive semiotics and the role of semiotic systems in the learning process. She is a member of research teams in many national and European Research Programs.

Efstathia Pantazopoulou holds a BSc in Primary Education (University of Athens), a BSc in Sociology (University of Crete), a M.Ed. in ICT in Education (University of Athens) and a MA in Educational Leadership (University College London). Since 2019, she is a Ph.D. Candidate in the Department of Education Studies, School of Philosophy, National and Kapodistrian University of Athens. Her main academic and research interests focus on Special Education, STEAM and ICT in Education. Since 2009 specializes in Special Education and mainly in writing and reading system for blind people (Braille System).

WS4: From Art To Science – Steam Projects In School & University Collaboration

Tomasz Ordza

During the workshop you will learn about the eTwinning projects implemented at During the workshop you will learn about the eTwinning projects implemented at the Kazimierz Nowak Primary School in Dąbrówka, which focused on science subjects. Cooperation between partner schools, universities and the local environment can become a mind map for interaction, competence building and implementation of the school curriculum. You will learn good practices and tools to support your project not only in distance work.

Tomasz Ordza is a biology and chemistry teacher at the Kazimierz Nowak Primary School in Dąbrówka (Poland), where he also serves as deputy principal. Co-organiser of numerous eTwinning projects, as well as synergies between eTwinning and Erasmus+. He is an eTwinning Ambassador, originator of the interdisciplinary "Science - I like it!" competition, as well as initiator of numerous field workshops and meetings between pupils and scientists. He has co-managed the module "Interdisciplinary research projects at school" for students of the Faculty of Biology of Adam Mickiewicz University in Poznań. He cooperates with the magazine "Biology at School", in which he writes articles on school practice and STEAM projects. He belongs to the group of "Superbelfrzy RP". He loves forest, mountains, cycling, Szymborska's poetry and traveling.

WS5: Professional Development For Inclusive Schools: Reflections Based On Experience From The "Inclusive Education And Social Support To Tackle Inequalities In Society" (ISOTIS) Research Program

Kostas Tsioumis & Efi Penderi

The workshop focuses on promising practices regarding professional development with an aim to support teachers dealing with cultural diversity issues at schools and in the classroom. It uses experience from ISOTIS program that aimed to contribute to effective policy and practice development at different system levels in order to effectively combat early arising and persisting educational inequalities. In particular, it discusses the use of a Virtual Learning Environment (VLE) to promote bottom-up approaches in professional learning through the development of learning communities.

WS6: True Or False? Fostering Teamwork And Collaborative Work In ECEC

Sophia Kouzouli & Maria Skordili

In this workshop we will focus on methods and techniques to empower learners to collaborate and develop media and information literacy. The participants will explore ways to collaborate (miro, padlet and linoit web tools), how to help learners develop critical thinking and skills to recognize mis-information/dis-information/mal-information, and ways to present their collaborative very first news (Newspaper Generator, Make my Newspaper, News Generator and Break your own news web tools).

Sophia Kouzouli is an English Teacher and holds an M.Ed. in TEFL. She has been an eTwinning Ambassador since 2017. She is an ICT Trainer, an MIE Expert, a Climate Action Project Ambassador and a TeachSGDs Ambassador. She has coordinated a number of multilateral European school projects, blog and moderate the Global Schools eTwinning Group to collaborate with teachers to support learners' empowerment and engagement globally.

Maria Skordili is an experienced Teacher with a demonstrated history of working in the pre-primary/secondary education industry for 24 years. Skilled in Pre Primary and Adult Education, Distance Learning, Leadership. Project Coordination and Teaching. Strong education professional with a Bachelor's degree focused in Faculty of Educational Sciences-Department of Pre-Primary Education from University of Crete and a master degree diploma focused in Leadership and Distance Education from Hellenic Open University. Headteacher in pre primary schools for over 15 years. eTwinning ambassador in West Crete of Greece since 2018. Adult trainer. Passionated with European programmes (ERASMUS+, eTwinning).

WS7: Teachers' Tools And Practices For Media Literacy Education

Angeliki Kougiourouki & Rania Bekiri

In this workshop eTwinners will be presented with tools and practices that enhance communication and collaboration in a student-centered learning environment. Thus, they will learn more about communicative and collaborative tasks and tools which can be implemented to cultivate young pupils' digital literacy skills and give them the space to work together and share outcomes.

Angeliki Kougiourouki is a primary school teacher who also has a degree in History. She holds a MEd in Visual Culture. She came across eTwinning in 2012 and has been coordinating eTwinning and Erasmus projects ever since. She became an eTwinning Ambassador in 2015, after which she organised many online and on-site seminars, ambassadors' webinars and Learning Events. Angeliki is moderating the Creative Classroom eTwinning featured Group encouraging teachers to take part in creative activities, expert talks and events.

Rania Bekiri is a teacher of English and she works in a Greek Primary school. She holds an MEd in 'Teaching English Methodology'. She loves european partnerships and especially eTwinning projects because they give her the chance to introduce the english language in a real environment showing pupils how to use everything they learn in their everyday communication and collaboration with their partners. She believes that this is also a perfect way to develop their digital skills in a friendly intercultural context. Rania has been an awarded eTwinner and an eTwinning ambassador in Western Greece since 2015.

Practice Sharing: Stem Is On Fire

Varvara Aravani & Annie Skiadopoulou

The "STEM is … on fire" project was implemented during the school year 2019-2020 as part of a European eTwinning project. Five kindergartens from Greece, two from Turkey, one from Italy and one from Romania collaborated for its implementation. STEM technology was used to scientifically approach the natural phenomenon of fire. Through experiments, research, robotics, engineering, mathematics, children experienced the phenomenon with scheduled activities every month. The main purpose of the project "STEM is … on fire" was to strengthen the love of the Kindergarten for the natural sciences and the environment, while at the same time to develop technological and collaborative skills. This presentation focuses on the activities that required children to collaborate, think critically and develop digital skills.

Varvara Aravani is a kindergarten teacher. She graduated from the Pedagogical Department of the Kindergarten teachers in the Aristotle University and has been working in primary schools since 2004. She has done postgraduate studies at Aristotle University and has a master's in education sciences with specialization field: Mathematics, Science and Information and Communication Technologies (ICT): Teaching and Learning. She likes working in eTwinning programmes,

collaborating with teachers which is something that she wouldn't be able to do under different circumstances and helping her students cultivate the abilities of communication, collaboration, imagination and creativity. From 2019 to 2020 they organised the programme "Stem is on fire" which was awarded with a European label as well as the special prize Marie Sklodowska Curie Prize for science and mathematics.

Annie Skiadopoulou graduated from the Department of Early Childhood Education of the University of Ioannina (Greece) and since 2006 she has been working as a Kindergarten Teacher in public preschools. In 2019 she earned a master's degree in Education from the Hellenic Open University completing her master's thesis on "The utilization of Museum Technology before, during and after a Kindergarten visit at a Museum. The case of the Kapodistrias Museum in Corfu". Annie Skiadopoulou has attended seminars and courses on STE(A)M Education and Educational Data Literacy and she is actively involved in the online community for schools in Europe and beyond, eTwinning. The last eTwinning project "STEM is on fire" was awarded a National and a European Quality Label as well as the special prize Marie Sklodowska Curie Prize for science and mathematics.

Practice Sharing: S.T.E.A.M-tastic

Barbara Trivelli & Charmaine Attard

Our presentation would be showcasing how as founders of the project S.T.E.A.M-tastic together with our project members have developed a unique whole scholastic year event in S.T.E.A.M education through effective planning, flexibility, communication, child centred approach and collaboration. During the presentation we would be breaking down how our project persevered also during school lockdowns and how we managed to join a team of individuals into one memorable project.

Barbara Trivelli is from Terni, right in the middle of Italy. She has been working as a kindergarten teacher for 15 years. She teaches in San Michele, which is a one classroom school surrounded by olive trees and part of the IC Giovanni XXIII. She has also been working on eTwinning projects since 2016, winning Italian National Prizes in 2017 and 2020.

Charmaine Attard is from Iklin in Malta. She has been working as kindergarten educator for the past 7 scholastic years and will be soon entering her 8th year. She teaches at San Gorg Preca College Hamrun S.S Primary school and form part of the eTwinning community as well. She is a local eTwinning ambassador along with other members and very active with Early Years education. This is very close to her heart that she has also a Facebook page called "Life in Kindy" to show what her daily life looks like as an early-years educator.

Practice Sharing: Vibrations Of Music: Music As A Key For Development, Inclusion, Interculturality And Norm-Critical Approaches

Annie Bergh & Theodora Avgeri

"Vibrations of music" is a preschool project that focused on music and how it can be used as a key for students' development in a more inclusive, intercultural and norm critical way. During this presentation we will share our experience from this project and the lessons we as teachers have learnt reflecting upon our existing practices regarding music (and dance). We will suggest new ways of working with music in order to include all children, independent of ethnic background, culture, language, gender or functional impairments and how these ways can enhance students' development, strengthen their identity and create a motivational and attractive learning environment.

Theodora Avgeri has been a kindergarten teacher for the last 25 years. She works in the 4th Kindergarten of Lykovrisi, a small state kindergarten in Lykovrisi, Athens, Greece and she is the Head Teacher of the school. She has a Master's Degree in Comparative Education and Human Rights and a lifelong passion in education. She has been a member of eTwinning since 2015.

Contact us

For more information about eTwinning please
consult our website:

www.etwinning.net