

Scientix, η Ευρωπαϊκή κοινότητα για την επιστημονική εκπαίδευση

Νίκος Παλαβιτσίνης Αθήνα, 19/12/2015

The work presented in this document is supported by the European Commission's FP7 programme – project Scientix 2 (Grant agreement N. 337250). The content of this document is the sole responsibility of the consortium members and it does not represent the opinion of the European Commission and the Commission is not responsible for any use that might be made of information contained herein.









Στόχος του SCIENTIX

Προωθεί και υποστηρίζει τη συνεργασία μεταξύ εκπαιδευτικών και άλλων επαγγελματιών σχετικά με θεματικές
 STEM* σε όλη την Ευρώπη

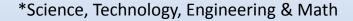












Εξέλιξη

- Α' Φάση: 2009-2012
 - Portal του έργου
 - Στόχευση σε Ευρωπαϊκό επίπεδο
- Β' Φάση: 2012-2015
 - Επέκταση σε εθνικό επίπεδο (NCPs)
 - Εθνικές στρατηγικές για STEM











Καίρια Ερωτήματα (1/2)

- [Ελκυστικότητα] Πως μπορεί να τονωθεί η ζήτηση για σπουδές σε STEM;
- [Εκπαίδευση] Πως μπορούν να υποστηριχθούν οι εκπαιδευτικοί με καινοτόμες προσεγγίσεις για τη διδασκαλία σε STEM;











Καίρια Ερωτήματα (2/2)

- [Στερεότυπα] Πως μπορούν να συνεργαστούν εκπαιδευτικοί και οι βιομηχανίες, για να αλλάξουν την επικρατούσα άποψη για τις καριέρες σε STEM;
- [Συνεργασία] Πως μπορούμε να βελτιστοποιήσουμε τη συνεργασία μεταξύ των stakeholders σε STEM;

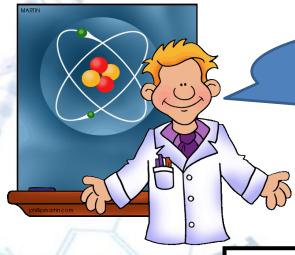




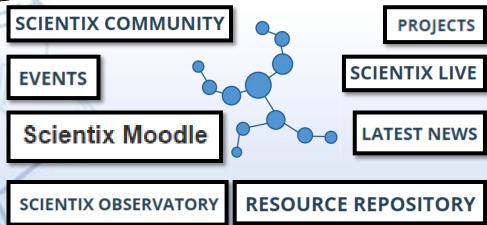








Έχω κι άλλο ένα ερώτημα! Τι μου προσφέρει το SCIENTIX;





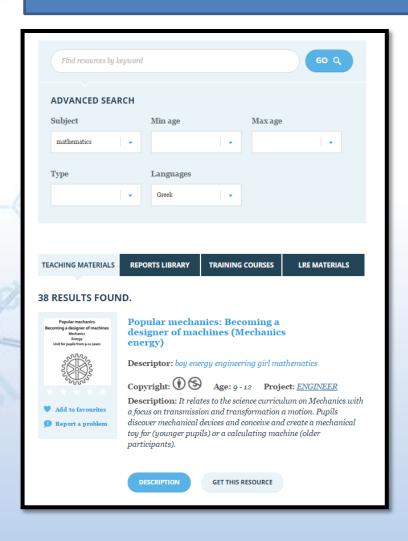


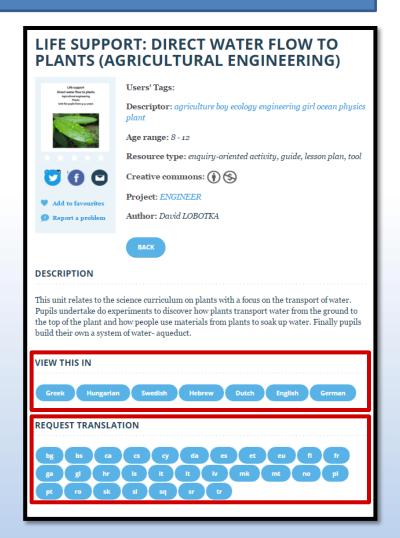




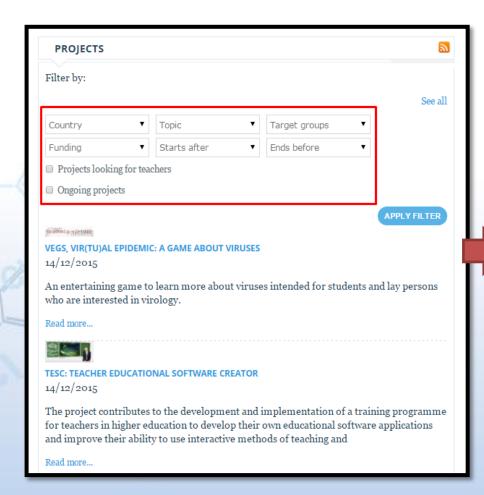


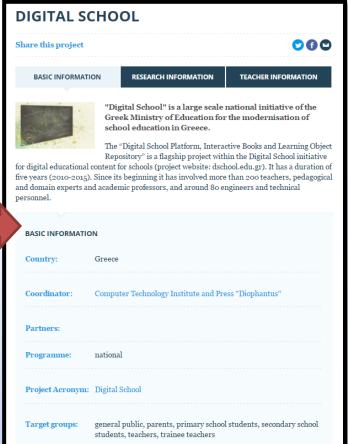
Μπορείτε να... Βρείτε Εκπαιδευτικούς Πόρους για STEM



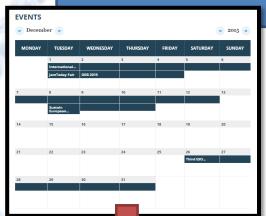


Μπορείτε να... *βρείτε σχετικά έργα σε STEM*





Μπορείτε να... ενημερωθείτε για επερχόμενες εκδηλώσεις



If you are organising a conference, workshop, webinar or other events on any aspect of science education, please let us know.

SUBMIT



The Energy workshop will provide participants with opportunities to engag workshops, group discussions and plenary sessions to develop their own pe energy, renewable and non-renewable sources of energy, and different social environmental issues around sustainable energy. The workshop will also provide the providence of inquiry-based approaches to teaching about sustainable school context, that have been developed as part of the SUSTAIN project.

The SUSTAIN Network

The objective of the SUSTAIN network, which organizes this workshop, is to educators and teachers' continuing professional development (CPD), classro for Education for Sustainable Development (ESD).

To reach this goal, the network will use and disseminate effective and well-teaching, in particular IBSE, a method that the partners have also already be ethics and responsibility issues.

The SUSTAIN network is divided into three topic groups: Energy, Food in E working on CPD contents and resources.

More information about the event

Url: http://www.spd.dcu.ie/site/news/SUSTAINConference

2015 SCIENTIX WEBINARS

Scientix is organising a series of webinars on STEM education. They will take place throughout 2015 and are open to anybody interested in science teaching and learning.

The one hour-long webinar sessions are an ideal opportunity for Scientix community members to explore exciting STEM-related topics, such as 1:1 computing, language learning in the science classroom, STEM in lower grades, or online science simulations in IBSE.

Each webinar is led by an expert in the particular field – a member of the Scientix Teacher Panel. Participation is free, registration is required. Places are reserved on a first-come, first-served basis and attendees receive a certificate of attendance.

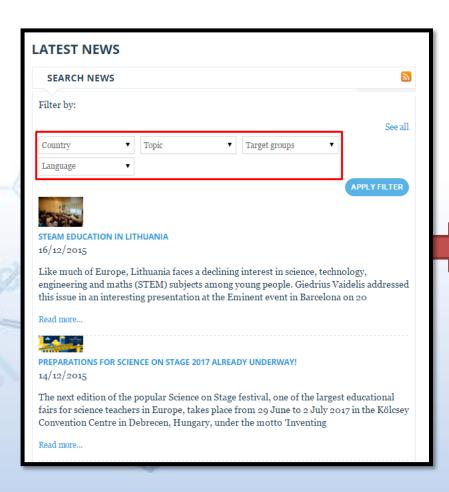
For further details and instructions, look out for the information on upcoming webinars.

PAST AND UPCOMING WEBINARS

Scientix Webinar: Cloud-based systems in your STEM classroom

November, 2015	«
Scientix Webinar: Programming and coding in physics classes 12.11	
Scientix Webinar: Open source hardware	
24.11	

Μπορείτε να... δείτε τα τελευταία νέα σχετικά με STEM



STEAM EDUCATION IN LITHUANIA

16/12/2015









Country: Spain

Topic: Applied sciences, Education, Project, Meeting, Event

Target groups: education authorities, industry, policy makers, researchers, teachers, trainee teachers Like much of Europe, Lithuania faces a declining interest in science, technology, engineering and maths (STEM) subjects among young people. Giedrius Vaidelis addressed this issue in an interesting presentation at the Eminent event in Barcelona on 20 November 2015, entitled "STEAM education in Lithuania – developing a culture of innovations".

Mr Vaidelis, from Lithuania's Ministry of Education, explained how a shift from teaching STEM to STE(A)M could reverse this negative trend, which has so many worrying implications for his country's future. The STE(A)M approach — where in this case, the 'A' stands for art, design and creativity — makes STEM subjects more appealing by including them also in other areas of the schools' curricula. The Lithuanian strategy introduces children to STE(A)M subjects at the age of six and welcomes science camps, a deeper cooperation with museums and an overhaul of the country's curriculum.

Individual schools rarely have the resources to install the modern facilities needed to pursue this policy. But Mr Vaidelis and his colleagues are looking into equipping Future Classrooms, which would be shared by different schools, to form a STE(A)M cluster of educational centres. The results of this in-depth policy will be closely monitored, with positive indicators being better scores in PISA surveys, greater participation of girls in STEM – and, eventually, a greater number of young people pursuing STEM careers.

Μπορείτε να... βρείτε υλικό από Εθνικά Συνέδρια...

...και σχετικά άρθρα!

Blog

SCIENTIX NATIONAL CONFERENCES: 2014-2015

COUNTRY	DATES	PROGRAMME	SUMMAR
Cyprus	27-28 November 2015		
Croatia	18-20 November 2015	More info and programme	
Portugal	13-14 November 2015	More info and programme	Read summar
France	12-14 November 2015	More info and programme	Read summar
Switzerland	10-11 November 2015	More info and programme	Read summar
Slovakia	9-10 November 2015	More info and programme	Read summar
Romania	30-31 October 2015	More info and programme	Read summar
Spain	23-25 Ocober 2015	More info and programme	
Greece	9-10 October 2015	More info and programme	Read summar



Investigating primary maths beyond the classroom

December 16th, 2015 by Elaine

Teaching Mathematics in the primary is less about teaching content and more about the learning process. This shift in the teaching approach demands that the teacher does not only present a written calculation (such as "5 + 8 = ?"), but also present such a calculation in words by...

Tags: inquiry-based learning, linking maths, maths investigations, primary maths, problem solving, STEM Posted in Ambassadors, Teaching | No Comments »



Paris 12 to 14 November 2015 - meeting conference La main a la pate - Scientix

November 26th, 2015 by philippe

The foundation "La Main A La Pâte" is the French contact point. For their annual meeting, SCIENTIX was invited to join for a collaborative work scheduled on Saturday 14th. Let me briefly introduce what is "La Main A La Pâte". It is a foundation that aims at improving the...

Posted in Event, Networking, Uncategorized | No Comments »

WELCOME TO THE SCIENTIX BLOG

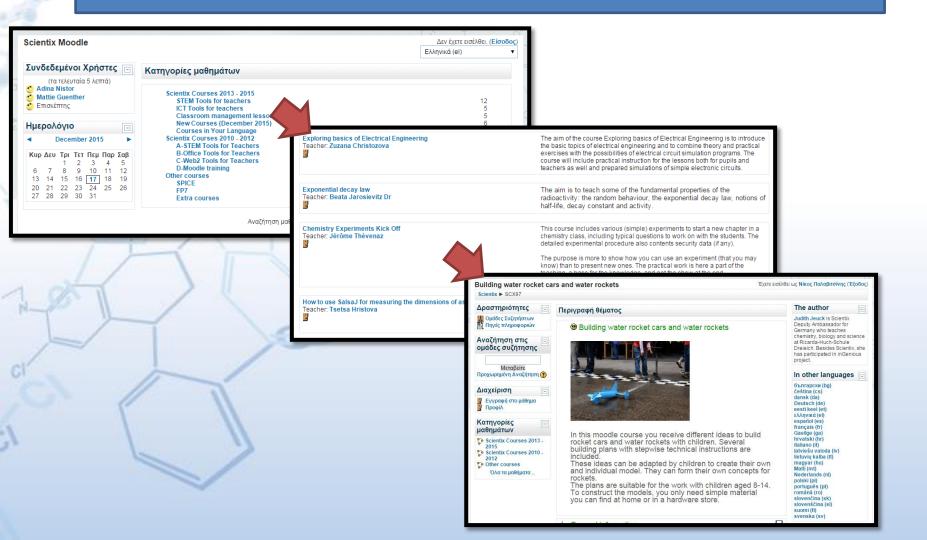
Through this blog, people connected to Scientix (EUN colleagues, Scientix Ambassadors and Deputy Ambassadors, Scientix friends) will publish personal stories on science education in Europe.

The opinions in the articles are the sole responsibility of the corresponding authors and they do not represent the opinion of the European Commission, European Schoolnet (EUN) nor Scientix, and neither the Commission nor EUN nor Scientix are responsible for any use that might be made of information contained herein.

For official news, please check the Scientix website: www.scientix.eu

Search for:

Μπορείτε να... βρείτε μαθήματα Moodle για STEM



Μπορείτε να... βρείτε επιστημονικά άρθρα για STEM

Home > Observatory

SCIENTIX OBSERVATORY

In order to help the development and dissemination of different science education projects and document good practices in various aspects of STEM education, Scientix has set up the Scientix observatory. This observatory provides short synthesising articles, focused on one or several related themes or initiatives, or the state of play of different topics related to science education.

PUBLISHED SCIENCE OBSERVATORY PAPERS:

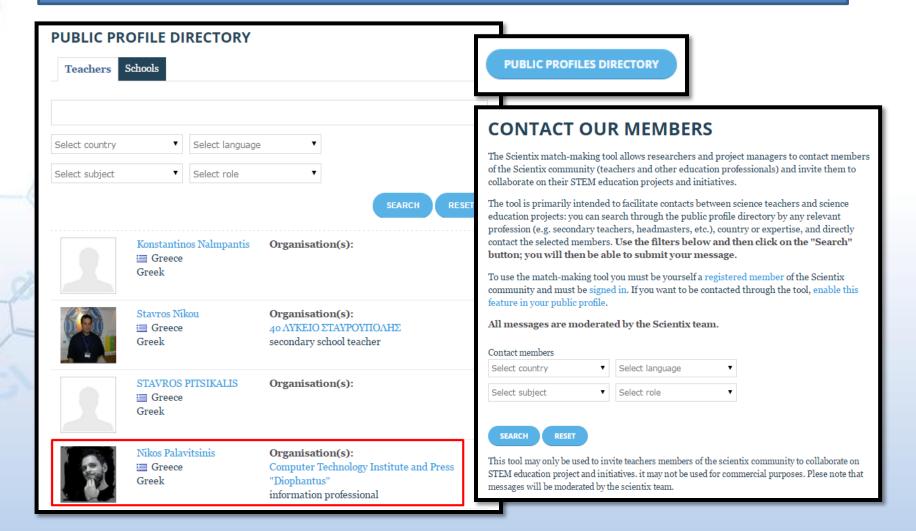
Velek, P. & Perez Rubio, V. J. (2013), Sharing Open Educational Resources in Multilanguage Repositories - the Learning Resource Exchange and Scientix, Christian M. Stacke (Ed.), Learning Innovation and Quality: The future of Digital Resources, Proceedings of the European and International Conference LINQ 2013, Rome, Italy, 19-17 May 2013, p. 43-51

Abstract: The article presents and compares two ways to stimulate sharing and exchange of online educational resources across different languages and educational settings: the Travel Well criteria for learning materials and the Scientix Translation on demand service. Special attention is paid to the general features of online resources in science and maths education their practical implications for their successful re-use in various contexts. The conclusion outlines the conditions under which those two approaches yield the expected results.

Download the paper (pdf)

Μπορείτε να...

βρείτε μέλη της κοινότητας από άλλες χώρες και να επικοινωνήσετε μαζί τους



Μπορείτε να... βρείτε events δικτύωσης για έργα σε STEM

NETWORKING EVENTS FOR SCIENCE EDUCATION PROJECTS

These Networking events for Science Education projects bring together project coordinators managers and other representatives, from European and national science education

The goal is to allow projects to share and exchange their experiences, present their v to facilitate creating new collaborations and partnerships. Each of these events is cer specific topic or challenge faced by the projects.

The events are organised in conjunction with other STEM education events (e.g. wor conference). Dates, programme and other information will be regularly announced of page, in our newsletters and on our twitter and Facebook.

We are currectly preparing the schedule and programme of the events for you want to suggest a topic, or a venue, we would be happy to hear from yo contact the Scientix project manager Dr Àgueda Gras-Velázquez, agueda.gras@eun.org

UPCOMING EVENTS

More in 2016

PLANNED EVENTS

More in 2016!

PAST EVENTS

PAST EVENTS

- Friday 6th November, Brussels: 9th Scientix Projects Networking Event on Experiencing STEM and Digital Skills inside and outside of the classroom in collaboration with I-LINC. (More information)
- Friday 16th October, Brussels: 8th Scientix Projects Networking Event on "Evaluation within projects" in conjunction with the SPW@FCL for teachers event 16 18 October 2015. (More information)
- Friday 19 June 2015, Brussels: 7th Scientix Projects Networking Event on "Involving other third parties, organizations and advisers in European projects (who, how, what for)" in conjunction with the SPW@FCL for teachers from friends of Scientix event 19 21 June 2015. (More information)
- Friday 8 May 2015, Brussels: 6th Scientix Projects Networking Event on "Crosscurricula activities in projects & whole-school activities involvement" in conjunction with the SPW@FCL for Heads of Schools event 8 - 10 May 2015. More information)
- Friday 24 Apr 2015, London: 5th Scientix Projects Networking Event on "Materials created in projects: hands-on, online portals, papers..." in collaboration with TEMI project and Queen Mary University of London, and in conjunction with the Cycle 3 Teachers' Panel Kick-off 2. More information.
- Thursday 16 Apr 2015, Barcelona: 4th Scientix Projects Networking Event on "Responsible Research and Innovation and STE(A)M" in collaboration with the RRI Tools project, the STEAMBarcelona conference and Fundació la Caixa. More information.
- Friday 20 Feb 2015, Brussels: 3rd Scientix Projects' Networking Event on "Teachers participation in STEM projects". More information

Μπορείτε να... οργανώστε μια online συνάντηση

SCIENTIX ONLINE MEETING ROOM

Scientix aims to facilitate the work of the different public funded science education projects. For the Scientix offers projects the possibility to use the "Scientix online meeting room". Any project included in the Scientix repository can request to schedule an online meeting, webinar, online workshop, etc. for up to 200 participants at once via the form at the bottom of this page.

HOW TO BOOK THE ROOM:

- 1. Check if the room is available in the calendar below
- Fill in the form at the bottom of this page. If your project is not in the Scientix portal yet, let us know via scientix@eun.org

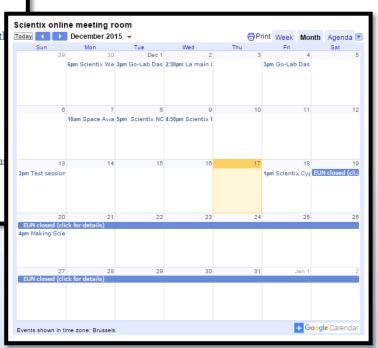
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"Scientix Online Meeting Room" Request Form

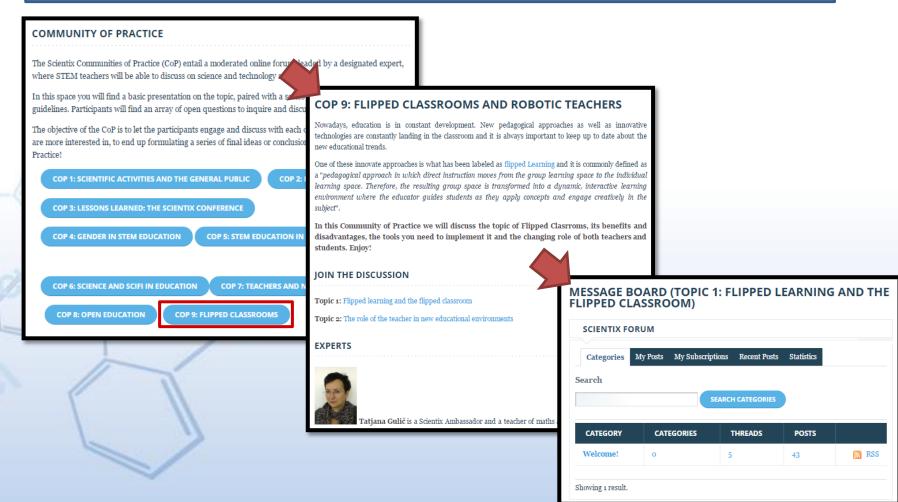
1. Title of event

Examples:

- iTec management meeting
- inGenious webinar on STEM careers in industry
- nanOpinion monthly consortium meeting
- 2. Short and general description of the purpose of your event / meeting
- 3. When do you want your online meeting to start and end? Remember:
- 1. Check availability in the calendar above.
- 2. Choose a time from 8h to 19:50h, Belgian time.



Μπορείτε να... γίνετε μέλος κοινοτήτων σε θεματικές που σας ενδιαφέρουν



Μπορείτε να... λαμβάνετε τα νέα του SCIENTIX μέσω newsletter αλλά και social media

SIGN UP FOR OUR EMAIL UPDATES

SCIENTIX NEWSLETTER

The Scientix quarterly newsletter delivers original articles on innovation in STEM education policy, research and practice. It brings the latest news from science education projects and from the Scientix community, and follows the development of European and national policies and initiatives. Each issue focuses on selected topics in science education and highlights presents related materials and activities. The newsletter is only available in English.

Read the past issues of the newsletters.

SCIENTIX DIGEST

Scientix Digest is a fortnightly newsletter, providing an overview of latest updates on the Scientix portal features projects and resources rece added to the Scientix portal, and informs about upcoming events in STEM and related fields.

The Digest is available in English, German, French, Italian, Spanish, Polish, Dutch and Romanian.

NEWSLETTER ARCHIVE



NOVEMBER 2015: ONLINE TRAINING FOR

At a time when financial resources are scarce - and pressure on the teaching profession growing educators may be tempted by online peer-learning opportunities that fit their busy professional

That's why this edition of the Scientix newsletter takes a look at some of the options that you have for updating your skills, forming new communities of education and taking steps to improve your lifelong learning process.

DOWNLOAD PDF



SEPTEMBER 2015: BUILDING A STRONGHOLD IN STEM EDUCATION IN EUROPE

This issue of the Scientix N of the project's impressive explains how it became an teaching and learning proc

As part of that community thanks all its supporters for takes a detailed and proud community has done to m successful assignment.

FOLLOW US



OECD Education

New report on #ImmigrantStudents calls on countries to rethink education policies & reach out to immigrant parents bit.ly/1UozxXH

** Retweeted by Scientix

@scientix eu



Science Teachers in Europe: Join the

THANK YOU FOR YOUR ATTENTION!

Περισσότερες Πληροφορίες

Πρεσβευτές και Αναπληρωτές Πρεσβευτές SCIENTIX για την Ελλάδα

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Scientix 2 | Nikos Palavitsinis 19/12/2015 | Athens