



Scientix, a természettudományok oktatásának európai közössége

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European Schoolnet (EUN)



30 európai oktatási minisztérium által alkotott hálózat



Az IKT és a digitális technológia alkalmazásának népszerűsítése

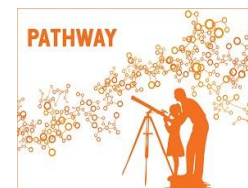
Az európai dimenzió népszerűsítése

Az oktatás minőségének javítása Európában

Három kiemelt tevékenységi terület:

- Iskolák támogatása,
- Kutatás és innováció,
- Oktatási tartalmak terjesztése

Az EUN természettudományos projektjei



Európai tudományos és matematikai projektek



<http://scientix.eu>



SCIENTIX

The community for science education in Europe



EUROPEAN COMMISSION
Research & Innovation





SCIENTIX

Scientix 1: 2010 - 2012

Műhelymunkák



Konferencia 2011



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Portál

- HOME
- PROJECTS
- RESOURCES
- NEWS
- EVENTS
- COMMUNITY
- CONFERENCE
- ABOUT

LATEST MEMBER
Loris Penserini

LATEST UPDATES

- NEWS: PISA in focus: Has discipline in school deteriorated?**
The fourth edition of PISA in Focus examines the relationship between classroom discipline and the performance of the 15-year-olds who take...
- TEACHING MATERIAL: EPOCA experiments: CO2 and pH!**
- REPORTS: ASPRES reports**
- TRAINING: Moodle for beginners**

PROJECTS: e-Bug: a microbiology and hygiene educational resource
e-Bug is a free educational resource repository that makes learning about micro-organisms, antibiotics and hygiene fun and easy.

TAGS
 - Natural sciences: Computer Physics
 - Environment: Ecology
 - Education for sustainable development
 - Technology: Biology
 - Language
 - Energy: Astronomy
 - Mathematics

EVENTS FOR THIS MONTH
June, 2011

- JUN 18 - 23**: Expo-Sciences International 2011 SLOVAKIA
- JUN 23 - 25**: How science works – and how to teach it DENMARK
- JUN 23 - 24**: Gender and Interdisciplinary Education for Engineers – GRE 2011 FRANCE

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SEVENTH FRAMEWORK
PROGRAMME





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Scientix online meeting room: free webinar service to organize online meetings or webinars



In your country

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Scientix Moodle

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Science Teachers in Europe: Join the discussion!

FEATURED RESOURCE

SEARCH RESOURCES



Nanoyou Film Part 1 - What Is Nano?

What is Nano? is the first part of the NANOYOU film, an overview of nanoscience and nanotechnology applications. It was shot by Nanoscience Centre at Cambridge University involving young scientists who explain nanoscience in a simple and enjoyable way. It includes subtitles.

Read more »

BASIC INFORMATION

RESEARCH INFORMATION

TEACHER INFORMATION



ASTROEDU: PEER REVIEWED ASTRONOMY ACTIVITIES



astroEDU is an open access platform for peer-reviewed astronomy education activities. It helps teachers and educators to discover, review, distribute, and remix teaching and learning materials in astronomy.

The platform aims at educators, researchers, teachers and students, who can submit their education activities. Each activity is then reviewed by two reviewers: an astronomer and an educator, to ensure t

TEACHER INFORMATION

content of the activit **(2 RESULTS)**

- ▶ **COUNTRY:**
- ▶ **COORDINATOR:**
- ▶ **PARTNERS:**

- ▶ **PROGRAMME:**
- ▶ **PROJECT ACRONYM:**
- ▶ **TARGET GROUPS:**
- ▶ **TOPIC:**
- ▶ **START YEAR:**
- ▶ **URL:**
- ▶ **CONTACT PERSON:**



MODEL OF A BLACK HOLE

Descriptor: physics, model, space exploration, space, time

Age: 8-10

Resource type: educational game lesson plan

Description: This activity will allow children to visualize, and ther...[Know More](#)

Creative Commons license:

Project: Astroedu

View this in:

en - bg - cs - da - de - el - es - et - fi - fr - ga - hr - hu - it - lt - lv - mt - nl - pl - pt - ro - sk - sl - sv

Request translation:

en - bg - cs - da - de - el - es - et - fi - fr - ga - hr - hu - it - lt - lv - mt - nl - pl - pt - ro - sk - sl - sv



INGENIOUS: IT'S ALL ABOUT ENERGY

Descriptor: physics, climate, materials, chemistry, safety, management, environmental education, gas, oil, electrical sciences, electricity, fossil, energy

Age: 14-18 **Resource type:** guide glossary tool assessment lesson plan

Description: A series of lessons about the future of petroleum...[Know More](#)

Creative Commons license:

Project: Ingenious

View this in:

en - bg - cs - da - de - el - es - et - fi - fr - ga - hu - it - pl - pt - ro - sk - sl - sv

Request translation:

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0 → Add to favourites

Report

DEFORESTATION: TAKINGITGLOBAL (PDF)

Descriptor: industry, educational institution

Age: all **Resource type:** presentation reference other

Description: The DeforestACTION Toolkit is an interdisciplinary educa...[Know More](#)

Creative Commons license:

Project: Ingenious

View this in:

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Request translation:

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INGENIOUS SUPERBENZ WORKSHOP

Descriptor: finance, mobility, oil, safety, energy

Age: 15-18 **Resource type:** guide reference case study assessment application lesson plan

Description: Guidelines for a workshop – simulation game on developme...[Know More](#)

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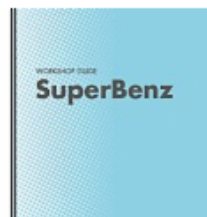
Project: Ingenious

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Request translation:

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Report

HOW ARE DRUGS DEVELOPED? - TAKE PART IN THE RESEARCH OF A DRUG

Descriptor: biology, biotechnology, medicine

Age: > 10 **Resource type:** Not found guide lesson plan tool

Description: Science centres, museum and schools have a change to rep...[Know More](#)

Creative Commons license:

Project: Xplore health

View this in:

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Fordítás, kérsre!



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Hírek és események

« 2014 »

EVENTS

« April »

13	14	15	16
SCIENCE & ART: SO...	Science...		
20	21	22	23
		Teaching training...	
27	28	29	30

Home > News > All news > New education website on weather and climate monitoring



Country:
No Country

Topic:
Applied sciences, Earth science, Engineering, Geography, Meteorology, Technology

Target groups:
college students, general public, primary school students, secondary school students, teachers, trainee teachers

<http://l-zone.info/>

NEW EDUCATION WEBSITE ON WEATHER AND CLIMATE MONITORING

10/04/2014

EUMETSAT has launched a website for teachers and students to learn about satellite monitoring of the weather and climate.

Named the Learning Zone, <http://l-zone.info>, the website uses text, new video animations and satellite imagery to tell the story of how satellites are used to monitor the weather, atmospheric composition, oceans and climate.

The site highlights the many roles of today's advanced weather and climate monitoring satellites, ranging from observation for weather forecasts and ocean circulation, to monitoring air quality over cities, volcanic ash clouds or rising sea levels. There is also a section on EUMETSAT's satellites to learn about their on-board instruments.

The site will be regularly updated by a team of EUMETSAT bloggers, who will talk about the satellites, the data they collect and the day-to-day job of operating them.

Visit [EUMETSAT's Learning Zone](http://l-zone.info).



Közösségi- és hírcsatornák

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.

SIGN UP

SCIENTIX DIGEST

Scientix Digest is a fortnightly newsletter, providing an overview of the latest updates on the Scientix portal. It features projects and resources recently 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.

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How do boys and girls benefit from the use of innovative tools in #STEM? bit.ly/1erbx65
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Coming soon...

we have a blog!

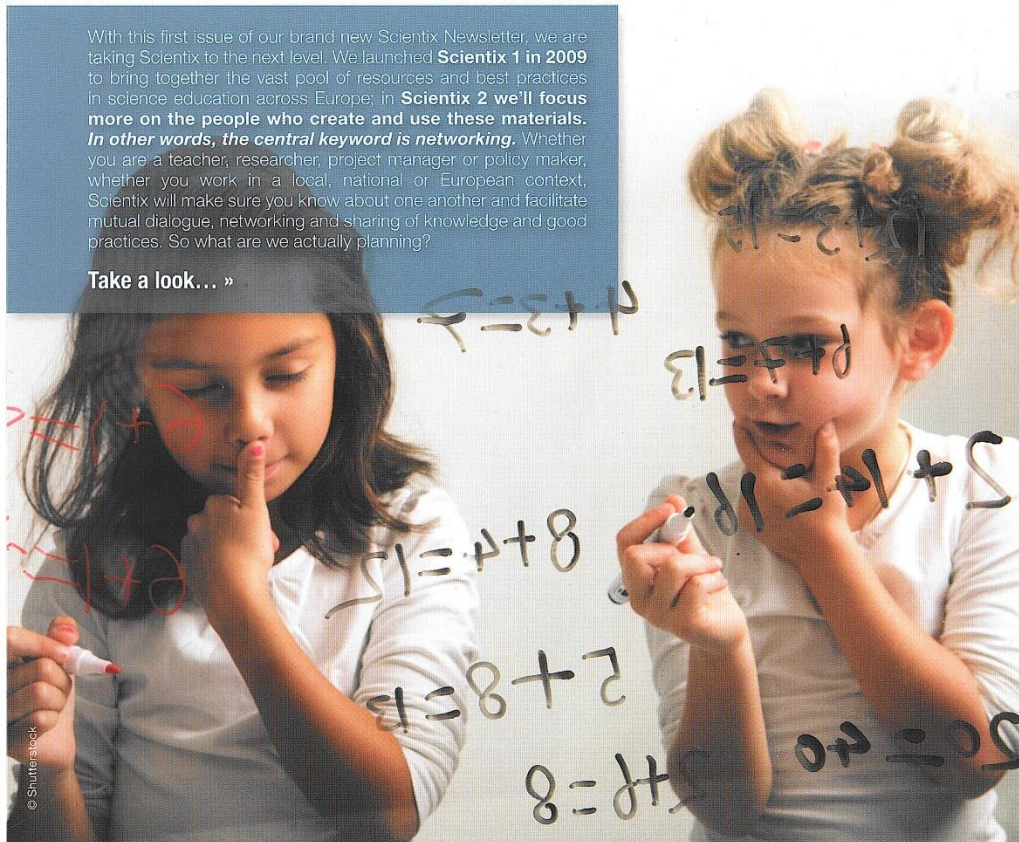
SCIENTIX NEWSLETTER

Scientix hírlevél

Scientix 2 takes off!

With this first issue of our brand new Scientix Newsletter, we are taking Scientix to the next level. We launched **Scientix 1 in 2009** to bring together the vast pool of resources and best practices in science education across Europe; in **Scientix 2 we'll focus more on the people who create and use these materials. In other words, the central keyword is networking.** Whether you are a teacher, researcher, project manager or policy maker, whether you work in a local, national or European context, Scientix will make sure you know about one another and facilitate mutual dialogue, networking and sharing of knowledge and good practices. So what are we actually planning?

Take a look... »



Scientix Facebook-csoport indult

Science Teachers in Europe



Science Teach...

Tagok

Események

Fényképek

Fájlok

✓ Értésítések

+ Csoport létrehozása



Bejegyzés

Fénykép/videoó

Kérdés

Fájl

Írj valamit...



Samira Rzakulieva

1 órája

Do you want your students to study the smallest known particles? Use #LHC (Large Hadron Collider) Game by #CERN make your students learn how such an accelerator works and have them accelerate particles on

NÉVJEGY

368 tag

Nyílt csoport

The Community for Science Education in Europe

368 tag (29 új) · Meghívás e-mail cím alapján

+ Személyek hozzáadása a csoporthoz

Címkék:

Education · Teachings · STEM education

Scientix 2 Európai Konferencia

2014. október 24-26., Brüsszel

- Neves plenáris előadók
- Poszter szekció
- Előadások, kerekasztal beszélgetések
- 25 stand – EU által támogatott projektek bemutatkozása
- Workshopok
- 550 résztvevő
- az EUN fizeti a szállást és a repülőjegyet 200 tanárnak

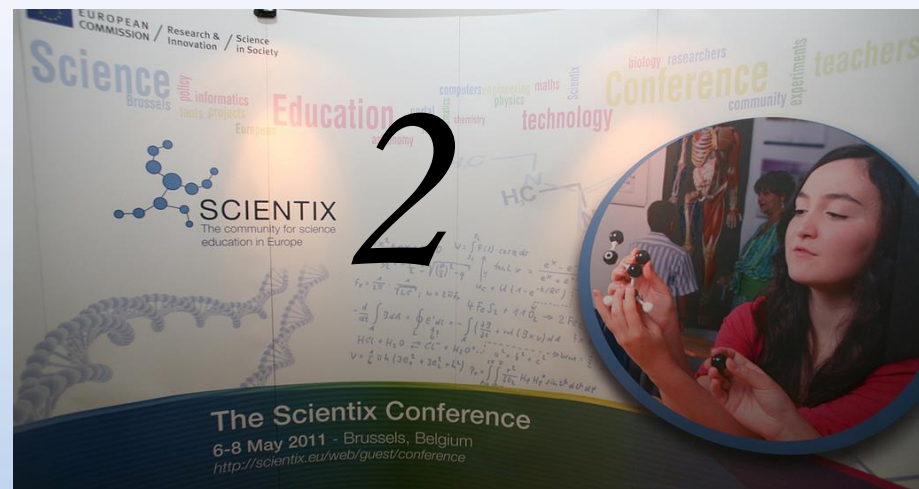
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SEVENTH FRAMEWORK
PROGRAMME



Online képzések, műhelymunkák



Scientix Moodle

No heu entrat (Entrada)

Català (ca)

Usuaris en línia

(darrers 5 minuts)

😊 Rozella Batiste

Calendari

July 2013

dg	dl	dt	dc	dj	dv	ds
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Categories de cursos

- Scientix courses
 - A-STEM Tools for Teachers
 - B-Office Tools for Teachers
 - C-Web2 Tools for Teachers
 - D-Moodle training
- Other courses
 - SPICE
 - FP7
 - Extra courses

Cerca cursos:

Endavant

No heu entrat (Entrada)







Scientix Observatory

The Joy of Learning
Enhancing Learning Experience - Improving Learning Quality
Proceedings of the European Distance and E-Learning Network 2013 Annual Conference
Oslo, 12-15 June, 2013
ISBN 978-963-89559-3-7



THE SCIENTIX OBSERVATORY: ONLINE COMMUNICATION CHANNELS WITH TEACHERS AND STUDENTS – BENEFITS, PROBLEMS AND RECOMMENDATIONS

Agueda Gras-Velazquez, Barbara Schwarzenbacher, Evita Tasiopoulou, Maite Debry, Mathilde Bargoin, European Schoolnet – EUN, Belgium, Irina Kudenko, Myscience, United Kingdom, Maria Isabel Hernández Rodríguez, Centre for Research in Science and Mathematics Education – Autonomus University of Barcelona, Spain

Abstract

Scientix, the European Commission's DG Research and Innovation's community for science education in Europe includes since January 2013 the Scientix Observatory which aims to provide short overviews on a number of topics related to Science education projects. This paper concentrates on the format, benefits and problems encountered in communities of practice (CoP) and chats carried out by four projects: inGenious, Xperimania V, DESIRE and FuturEnergia. While inGenious' CoP last six weeks, DESIRE's CoP are only three days long. When looking for answers to specific questions, the DESIRE format works better but requires the information to be completed by shorter events or face to face workshops. When tackling general topics, longer CoP open all the time and facilitated by teachers, ensure the participation of teachers. inGenious and Xperimania V chats have experts replying via audio, while the FuturEnergia answers from the experts provided in writing, are better for schools with older technical equipment. The most efficient chats are carried out with a maximum of two experts, address up to 20 classes (400 pupils) and the chats have associated either an additional activity (like a competition) or the transcript which furthermore serves as an additional teaching resource.

Introduction

Scientix, the community for science education in Europe, was created to facilitate regular dissemination and sharing of know-how and best practices in science education across the European Union. Scientix is open for teachers, researchers, policy makers, parents and anyone interested in science education. Scientix collects teaching materials and research reports from European science education projects financed by the European Union under the 6th and 7th Framework Programmes for Research and Technological Development (Directorate General Research), the Lifelong Learning Programme (Directorate General Education and Culture)

Sharing Open Educational Resources in Multilanguage Repositories - the Learning Resource Exchange and Scientix

Premysl Velek, Victor J. Perez Rubio

European Schoolnet, Rue de Trèves, 61, B – 1040 Brussels, Belgium,
premysl.velek@eun.org

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 and 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.

Keywords: Science and maths education, Multilanguage online repositories, Translation and localisation of Open Educational Resources, European initiatives

1 Introduction

Scientix, the community for science and maths education in Europe, initiated by the European Commission (Research and Innovation DG), has set up the Scientix observatory to provide a regular overview of the state of play of different themes related to science and maths education. The themes and initiatives examined vary in duration, scope, audience and methodology, yet all of them include elements of e-learning and the use of various online tools for education, communication, or data collection.

This article discusses the issue of multilanguage online repositories, and the exchange of Open Educational Resources (OERs) across countries and language boundaries, an issue accentuated by the expansion OERs in the past 10-12 years (OECD, 2007, p. 100-108). A special emphasis is put on exchanging and promoting good practice resources in STEM (Science, Technology, Engineering and Mathematics) education. Two examples of different, though complementary,

Scientix Nemzeti Kontaktpontok



er's name
Date | City
e of event

Scientix spotted around Europe...



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KeyCoMath - Developing key competences through #maths, new project on Scientix
bit.ly/1p06v1j



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Scientix 2 | Speaker's name
Date | City
Name of event

További információk

Scientix nemzeti koordináció



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