



# Scientix Workshop

## Inspiration for eTwinning STEM projects

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The community for science  
education in Europe





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- Projects
- Resources
- News
- Events
- Community
- Conference
- Scientix Live
- In your country
- Observatory
- Newsletter + Email digest every second Tuesday
- Social Media



## FEATURED RESOURCE



### Design Your Alien

In this teaching material students review the environmental factors that make the Earth habitable and they compare them to other worlds within our Solar System. Its aim is to use creative thinking to design an alien life form suited for specific environmental conditions on an extra-terrestrial world.

[Read more...](#)

[SEARCH RESOURCES](#)

## LATEST PROJECT



### TEMI: Teaching Enquiry with Mysteries Incorporated

This project engages pupils in a unique way - by presenting each problem or task as a mystery that needs to be solved.

[Read more](#)

## LATEST NEWS



### Meet the Scientist online with Global excursion

Take part in the interactive virtual visit to the metrology research department of ASML in the Netherlands.

[Read more](#)

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 **Science Teachers in Europe: Join the discussion!**

## JOIN US

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## LATEST MEMBER

 **ALEJANDRA GODED**

## EVENTS

February, 2014 « »

**LEARNTEC - Learning with IT**  
04.02 - 06.02 | Germany

**Schools in the Cloud**  
11.02 | United Kingdom

1 2 3 View All







# SCIENTIX

The community for science education in Europe

SCIENTIFIC ACTIVITIES  
AND THE GENERAL  
PUBLIC

CONCLUSIONS AND  
POLICY  
RECOMMENDATIONS

TOPIC 1: CITIZEN SCIENCE

TOPIC 2: RESPONSIBLE  
RESEARCH AND  
INNOVATION

SHARED RESOURCES

## TOPIC 2: RESPONSIBLE RESEARCH AND INNOVATION

Responsible Research and Innovation is yet another approach trying to link certain societal demands with the scientific community. It refers to a scientific proceeding in which all the involved stakeholders in the research process take in consideration the needs and demands of our society and estimate them when furthering their research.

The framework for responsible research and innovation includes several topics. From engaging different communities worldwide (bearing in mind concepts such as gender equality or societal developmental differences) to enabling those communities open access to scientific and technological research. It also covers issues such as the provision of education for future researchers or the development of a proper governance system in order to balance public and private participation in research. Lastly, the controversial issue of ethical research -covering fundamental rights and legal barriers- is still a subject of debate among the scientific community and the authorities.

### OPEN QUESTIONS:

- Education is one of the crucial topics on Responsible Scientific Research. How should the scientific research community engage with the educational community?
- How can we build a bridge for all communities to be able to participate in the research process in equal terms?
  - a. How can we build a bridge when it comes to gender equality?
  - b. How can technologically less developed regions worldwide participate in the research process in the same terms as other communities?
- As we have seen in topic 1, science and society are more intersected than ever. Should scientists engage in a process of consultation and share the scientific and societal challenges with the community and with...

### EXPERTS:



**Dr. Chrystylia Lymberidou**  
teaches science at  
Agios Spyridon School Latsiemia,  
Cyprus and is Scientific Deputy  
Ambassador for Cyprus. Chrystylia  
has a PhD in Science Education  
from the University of Sheffield.



**Dr. Valentina Anagnostou**  
completed a PhD in  
Sociology at the  
London School of Economics in  
2010 with a thesis on the  
relationship between science and  
society comparing Italy to the UK  
on genetically modified  
organisms. She collaborated with  
research centres and universities  
on a number of projects related  
to science with, and for society. In  
January 2014 she started working  
on the [RRI Tools](#) project at  
Fondazione Cariplo.







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## DESIRE: DISSEMINATING EDUCATIONAL SCIENCE INNOVATION & RESEARCH IN EUROPE

Share this project



**BASIC INFORMATION**

**RESEARCH INFORMATION**

**TEACHER INFORMATION**



To gain a suitable knowledge base, the consortium will conduct a research study on existing dissemination methods in science education projects.

The research results will then be discussed by teachers and other relevant stakeholders (policy makers, researchers, science communicators) in online communities of practice with the aim of identifying key success factors in disseminating innovative teaching in science and maths. The conclusion of the discussion will feed into recommendations for

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*If you know of European or national project on STEM education, please let us know.*

**SUBMIT PROJECT**

science and maths. The conclusion of the discussion will feed into recommendations for teachers, teacher trainers, museum educators, potential LLP project coordinators and policy makers.

The project research activities will therefore:

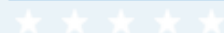
- provide evidence-based rationale for choice of dissemination and outreach methods, with a special attention on pan-European and international context;
- help project designers and policy makers better carry out dissemination and outreach of their own activities
- stimulate further development of a body of research knowledge in the field

#### RESEARCH INFORMATION (3 results)



#### DESIRE Toolkit

View this in:  
*it - es - en - fr*



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DESCRIPTION

GET THIS RESOURCE

*Read more on what  
Scientix offers to science  
education projects*

- **Online meeting room**
- **Networking events**

*For project managers:*

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[Home](#) > [Projects](#) > [SiS Catalyst: Children as Change Agents for Science and Society](#)

## SIS CATALYST: CHILDREN AS CHANGE AGENTS FOR SCIENCE AND SOCIETY

Share this project



BASIC INFORMATION

RESEARCH INFORMATION

TEACHER INFORMATION



SiS Catalyst is about the global changes in culture that we need to embrace by addressing the fundamental question of how we include children in the dialogue between society and the scientific communities.

The project promotes children's engagement in the development of science education activities and makes them contributors to science education and communication programmes.

The project activities are twofold, with three crosscutting themes:

### Activities

- mainstreaming of science in society activities for children through the development of practical and easy delivery guidelines and support,
- mobilisation of the political processes required to bring about change.

### Crosscutting themes

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[SUBMIT PROJECT](#)

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## Resources



### What We Recommend

Guidebook for Hosting a What We Recommend Workshop



### Listening and empowering: Crossing the social inclusion and the science in society agendas in science communication activities involving young people

A collection of academic papers on the topic of science and society



### Change In Action

The SiS Catalyst Case Studies

# Practice 1: The elevator pitch



# Practice 1: The elevator pitch

[www.online-stopwatch.com](http://www.online-stopwatch.com)

**00:00:59**

217

**Pause**

**Clear**



## Practice 2: Emails


10 YEARS AGO



NOW



# Practice 2: Emails

|           |  |  |        |
|-----------|--|--|--------|
| From:     | Agueda Gras-Velazquez <agueda.gras@eun.org> <i>agueda.gras@eun.org</i> | 1 attachment   | 367 KB |
| Reply-To: | Agueda Gras-Velazquez <agueda.gras@eun.org>                            |  Eminent2015-Scientix-public-programme-v2.pdf | 367 KB |
| Subject:  | Eminent 2015 - Scientix / announcement / Invited guests from MoE/SC    |  |        |

Body Text Variable Width

Dear {{FirstName}},

European Schoolnet is happy to invite you to participate in the upcoming **Eminent 2015 conference**, which will take place in **Barcelona, 19-20 November 2015**.

EMINENT is the Experts Meeting in Education Networking annual event organised by European Schoolnet (EUN). It brings experts in education, Ministries representatives and other stakeholders to discuss the latest trends in education and technology. EMINENT 2015 will be focused on Science, Technology, Engineering and Maths (STEM) in Education and Life and will be organized in collaboration with Scientix, the community for science education in Europe, as well as the Department of Education of Catalonia.

280 participants are expected to attend the event. These participants will include policy makers and industry representatives mainly. Additionally, project representatives, researchers and teachers will be invited to ensure all stakeholders of STEM education are present.

Participation is by invitation only, and {{SCmember}} from {{Organization}} has suggested you would be the ideal person to join the conference as **Invited guest from MoE/SC**.

## 1) Programme

Please find attached the draft programme.

## 2) Registration

Due to the large interest expected, participation is strictly by invitation.

In order to confirm your attendance, **thank you for registering via:**



## Practice 3: Social media (Facebook)



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The Community for Science Education in Europe

Public Group

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Discussion Members Events Photos Files

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Join this group to post and comment.

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RECENT ACTIVITY



**Mariada Muciaccia** via **SimpleK12**  
4 hrs



**MEMBERS** 4,035 members



**DESCRIPTION**

This space is created for STEM (Science, Te...

[See More](#)

**CREATE NEW GROUPS**

Groups make it easier than ever to share with friends, family and teammates.

[Create group](#)



## Practice 3: Social media (Facebook)

### a. Prepare a post – 10'

- Channel: Facebook or similar
- Audience: students
- Purpose: motivate them to take part in an activity
- Media: 1 external web link [what, how you add it]

### Food for thoughts

- Structure of the text and formatting
- Relevance of external information [link]
- Additional info: People tags and Geolocation



# Practice 4: Social media (Twitter)



TWEETS 3,535 FOLLOWING 1,180 FOLLOWERS 3,842 FAVORITES 61 LISTS 3

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@scientix\_eu

European collaboration in #STEM teaching, research and policy. Tweets about projects in STEM, educational technology and #teacher training.

By @eu\_schoolnet, Brussels


[scientix.eu](http://scientix.eu)

Joined January 2010

517 Photos and videos



Tweets Tweets & replies Photos & videos

Scientix Retweeted  
 **Maite D** @Maitdeb · 56m  
 EUN as advisory board member At Sparks workshop in NL to discuss RRI in medicine and health science and teacher role @RRITools @scientix\_eu

 **Scientix** @scientix\_eu · 1h  
 Elżbieta Gajek, Warsaw Uni, translation #education materials #Scientix & #QuantumSpinOff as examples

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## Practice 4: Social media (Twitter)

### b. Write a short news - 10'

- Channel: Twitter or similar
- Audience: experts in the field of your project, colleagues
- Purpose: general dissemination
- Media: 1 picture [what, visual idea]

#### Food for thoughts

- Length limitation
- Visual impact of media
- Additional info: Subject hashtags and Geolocation





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## 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.

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### 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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