



ONLINE RESOURCES TO TEACH EARTH SCIENCES



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EGU Committee on Education,
Scientix and Europeana Ambassador



[@anivarGatisereT](https://twitter.com/anivarGatisereT)

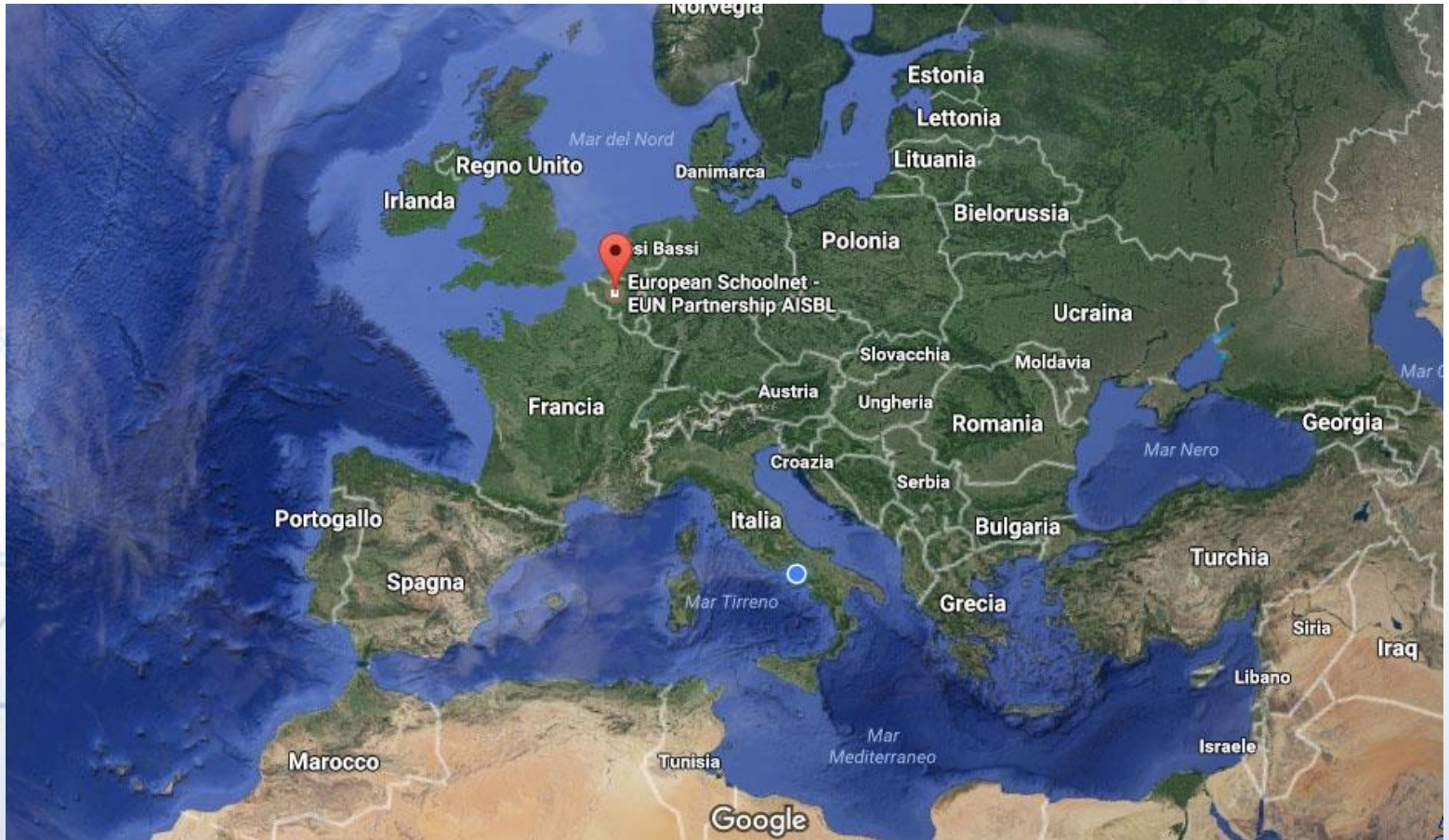




Scientix promotes and supports a Europe-wide collaboration among STEM (science, technology, engineering and maths) teachers, education researchers, policymakers and other STEM education professionals.

Il lavoro presentato in questo documento è supportato dal programma H2020 della Commissione europea – progetto Scientix 3 (Convenzione di sovvenzione N. 730009), coordinato da European Schoolnet (EUN). I contenuti del documento sono responsabilità unica dell'organizzatore e non rappresentano l'opinione della Commissione europea e nemmeno di European Schoolnet, e ne la Commissione europea ne EUN non sono responsabili di qualsiasi uso possa essere fatto delle informazioni in esso contenute.

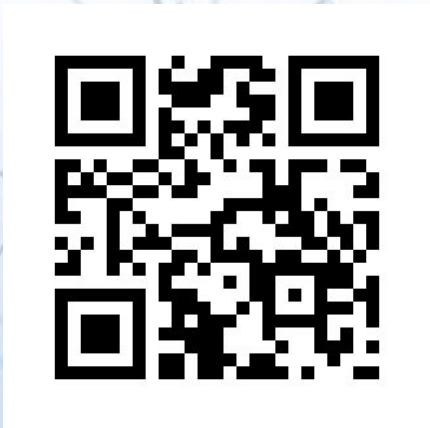
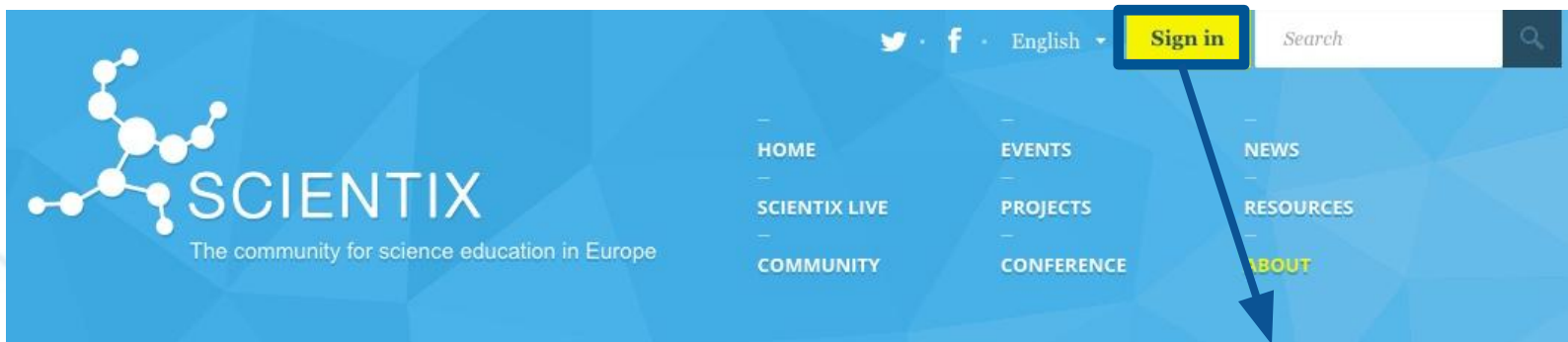






The website: the starting point to learn about Scientix

www.scientix.eu



RESOURCE REPOSITORY

Find resources by keyword

ADVANCED SEARCH

Subject Min age Max age

Type Languages

TEACHING MATERIALS **REPORTS LIBRARY** **TRAINING COURSES** **LRE MATERIALS**



[Home](#) > Translation on demand

TRANSLATION ON DEMAND

Did you find an interesting learning resource in [Scientix teaching materials](#)? If it is not in your preferred language, you can request a translation via the 'translation on demand service'. The service is **free of charge and available only through the Scientix website**.

How does it work?

If the teaching material is eligible for the service, a "Request translation" line appears at the bottom of the page of the specific teaching material. Whether or not a resource is available for translation depends on this criteria:

1. It must be of direct use in class (only teaching materials and not reports or courses);
2. Its licence must allow modifications and derived works. More details can be found at <http://creativecommons.org/licenses>;
3. Authors or submitters of the resource will have to provide an editable version of the resource when filling in the [upload form](#).

A user requests a translation by selecting the language into which he/she wants the specific material to be translated. This is done by clicking the language code under the "Request translation" line on the description page of the material.

Criteria

Only requests which fulfil the following criteria will be processed:

- User asking for translation must be registered on the Scientix website.
- The same translation is requested by 3 or more different users.

Priority is given to:

- topics which are not yet translated, as against topics which already have materials in several languages;
- languages in which fewer materials are available as against languages in which more materials are available.

2016-2019 SCIENTIX WEBINARS

As in previous years, Scientix is organising a series of webinars on STEM education. Taking place during a 3 year period, these webinars 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 Inquiry-Based Science Education (IBSE).

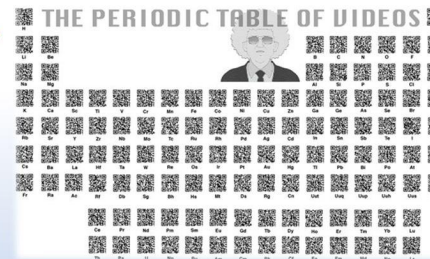
Each webinar is led by an expert in the particular field (Scientix Ambassadors or other guest experts). Participation is free, registration is required. Places are reserved on a first-come, first-served basis and attendees receive a certificate of attendance.

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

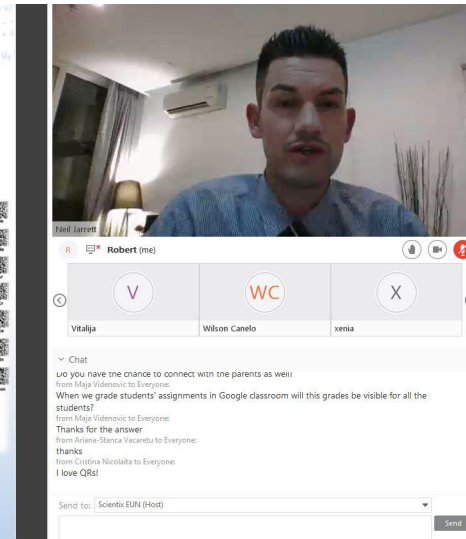


5) Create learning quests.

- QR Codes
- Engaging
- Active learning
- Group work
- Add images video
- Link to websites

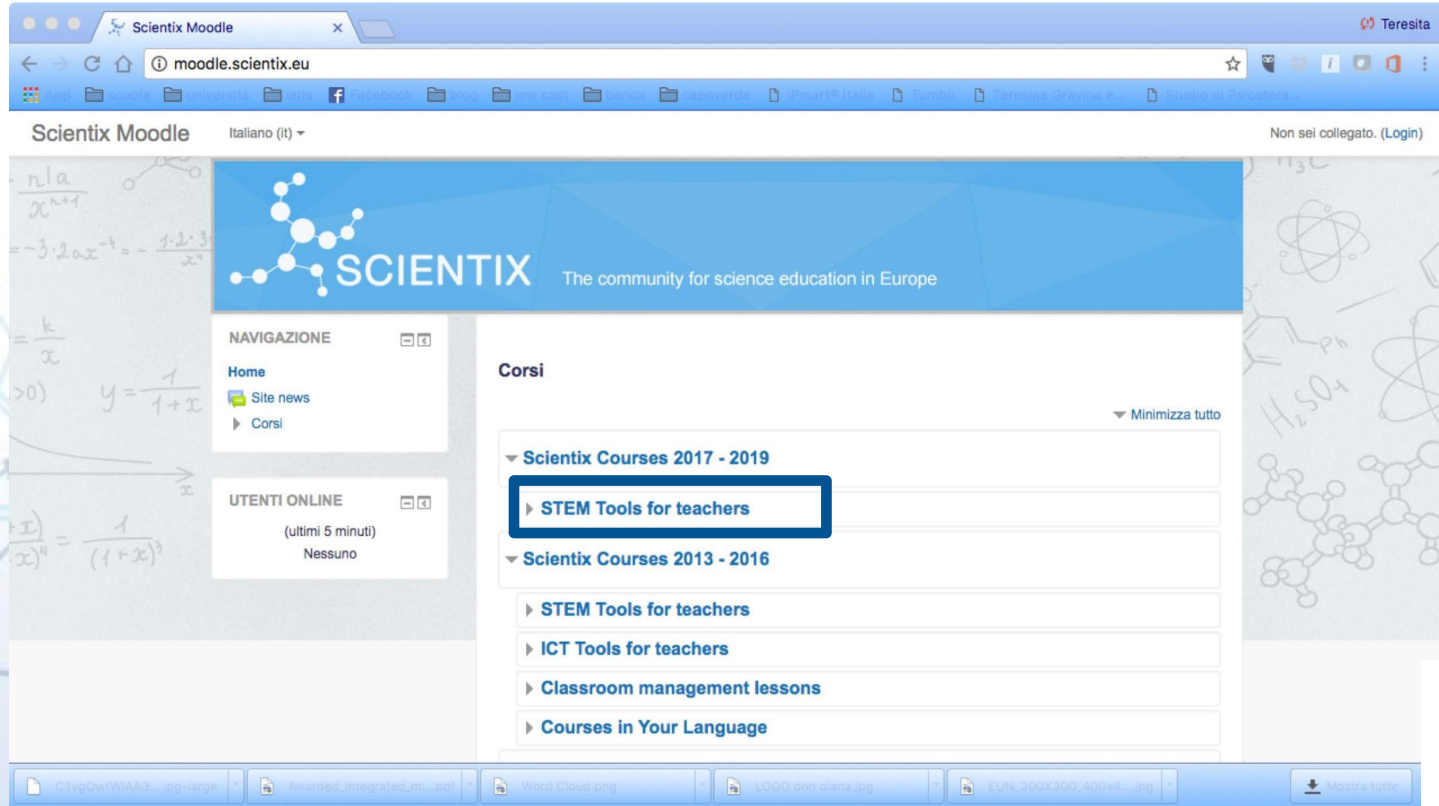


Scientix | Ned Jarrett
9th January, 2017 | Bangkok
Top Tech Tools For Teachers



Moodle: online courses on STEM topics

<http://moodle.scientix.eu/>



The screenshot shows the Moodle website interface. At the top, there is a navigation bar with the text "Scientix Moodle" and "Italiano (it)". Below this, the main header features the "SCIENTIX" logo and the tagline "The community for science education in Europe". The left sidebar contains a "NAVIGAZIONE" section with links for "Home", "Site news", and "Corsi", and an "UTENTI ONLINE" section showing "Nessuno". The main content area is titled "Corsi" and lists several course categories: "Scientix Courses 2017 - 2019", "Scientix Courses 2013 - 2016", "STEM Tools for teachers", "ICT Tools for teachers", "Classroom management lessons", and "Courses in Your Language". The "STEM Tools for teachers" link is highlighted with a blue box. The browser's address bar shows "moodle.scientix.eu".



THE AUTHOR

Teresita Gravina is a Scientix Ambassador for Italy and a Math & Science teacher to special needs pupils in middle school. She is involved in two associations promoting the role of science in society (AIRIcerca and ANISN) and is collaborating in the Amgen Teach project.

NAVIGAZIONE

Home

- ▶ Pagine del sito
- ▼ Corso in uso
 - ▼ **SATC6**
 - Partecipanti
 - ▶ Introduction
 - ▶ Shine like a diamond
 - ▶ Let's rock
 - ▶ Other useful activities
 - ▶ Done?
- ▶ Corsi

Rock Detective

Introduction



Course objective

This course aims to introduce teachers to the characteristics of rock recognition, and to propose activities that can be carried out with students of different ages. The purpose of this course is to give practical suggestions that could be used to organise hands-on activities in the classroom. At the end of each section there is a forum where you are invited to write your impressions, questions and other ideas.

Introduction

Blog: news from STEM world

Scientix Blog



Elements of didactic innovation in neuroscience for high school (2)

March 3rd, 2017 by *marinam*

Image: Shutterstock/ VLADGRIN_ jpeg Elements about history of neuroelectrophysiology techniques Electrophysiology embrace several different experimental techniques with the main goal to collect electrical signals from living organisms. Pioneer of the study of the bioelectricity has been Luigi Galvani who was the first to hypothesize that biological entities retain the ability to...

Posted in [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



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.](#)

SIGN UP

SCIENTIX DIGEST

Scientix Digest is a fortnightly news bulletin sent to you by e-mail, 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.

[Read past editions of the Digest here.](#)

SIGN UP



STEM discovery Week

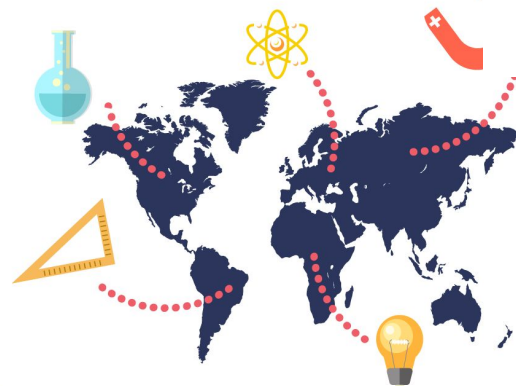


PROJECTS

SCHOOLS

ORGANISATIONS

STEM
Discovery Week
22-28 April 2019



**JOIN OUR
CALL!**



scientix_eu #STEMDiscoveryWeek



Learn with Europeana

Europeana Collections



Scientix and Europeana: online resources to teach earth sciences
Teresita Gravina | 9/04/2019| Wien
GIFT Workshop 2019

Working with teachers across Europe



Teachers during the DS13 project workshops in EUN Academy
CC-BY-SA



Scientix an

Europeana Education MOOC



European Schoolnet Academy

Europeana education

Europeana in your classroom:
building 21st-century competences
with digital cultural heritage (Rerun)

Massive Open Online Course
#EuropeanaMOOC

Study for the Francesco Sforza
equestrian monument, Leonardo da
Vinci
Royal Library, Windsor
Public Domain

Co-financed by the European Union
Connecting Europe Facility

- English, Spanish, Portuguese.
- Will be translated in other two European languages.



Learning Scenario

Created using Europeana resources:

- for different school grades;
- different topics;
- designed by teachers for teachers;



Europeana Learning Scenario

Title

Using Arts to reconstruct a volcanic eruption

Author

Teresita Gravina

Summary

Table of summary

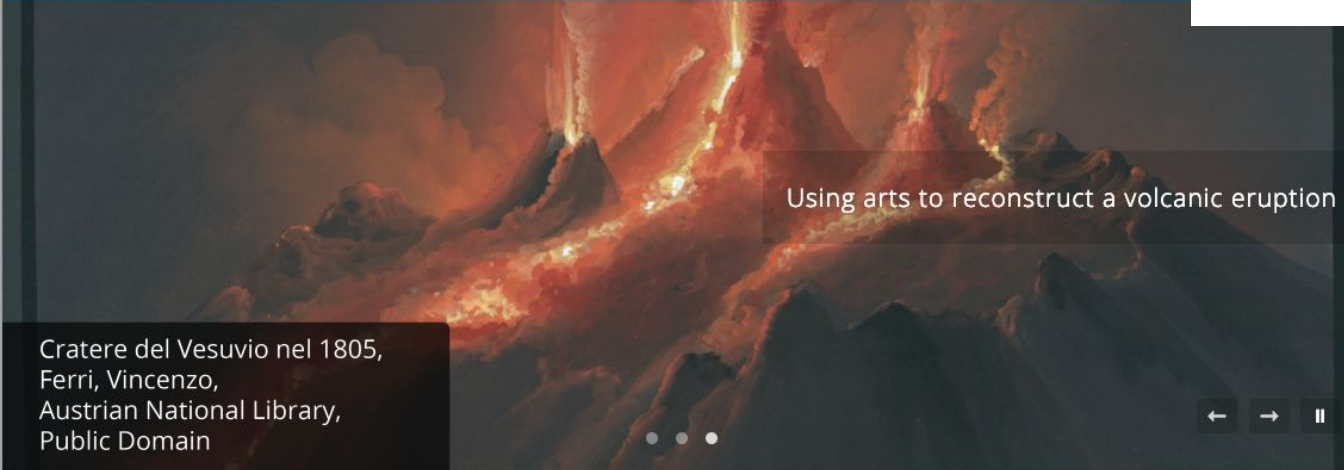
Subject	Science
Topic	Volcanic eruptions, this scenario could be used (with different resources from Europeana platform) for other natural phenomena, like landslides, tsunami, earthquakes, hat determine change in the landscape in short period of time.
Age of students	11-13
Preparation time	30 minutes
Teaching time	160 minutes

Teaching with Europeana - BLOG



Teaching with EUROPEANA

HOME OUR PROJECT LEARNING SCENARIOS STORIES OF IMPLEMENTATION



Using arts to reconstruct a volcanic eruption

Cratere del Vesuvio nel 1805,
Ferri, Vincenzo,
Austrian National Library,
Public Domain


← → ||

Coming Soon

Learning scenarios are now being implemented by teachers. Stay posted, some new stories of implementation are coming soon. Have you seen our latest learning scenarios ? Click here to find out!

vanessa February 22, 2019 Stories of Implementation Permalink

Search this website...

 made with europeana

STEM challenge



europeana

Cykel
The Royal Machine Mfg Co Ltdc.
1884-01-01 - 1886-01-01
Tekniska museet
CC BY

EUROPEANA STEM CHALLENGE

Spark passion for science and culture through educational videos

20.000 EUR | Deadline 15 May
bit.ly/EuropeanaSTEMChallenge



Enjoy!