ONLINE RESOURCES TO TEACH EARTH SCIENCES

Teresita Gravina | 9/04/2019| Wien
GIFT Workshop 2019

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

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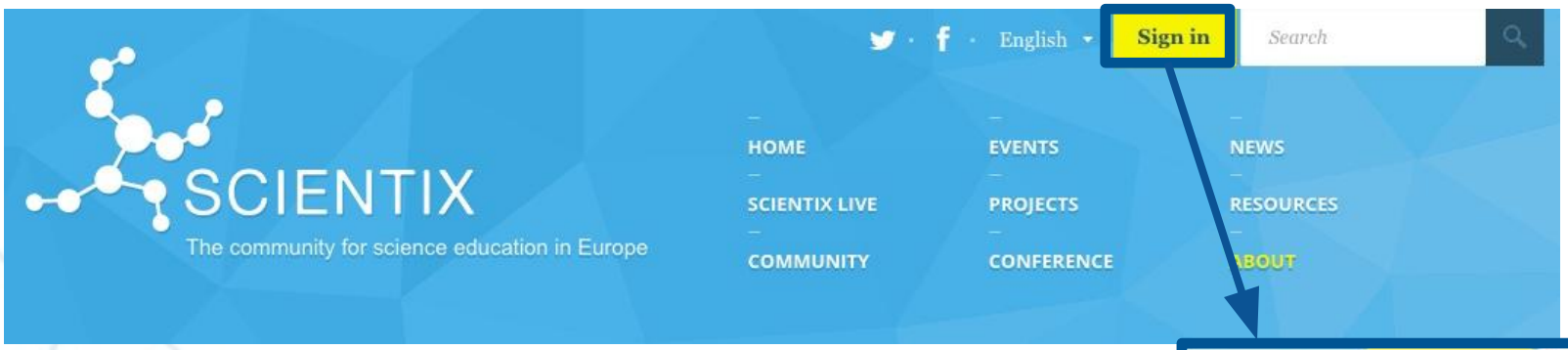
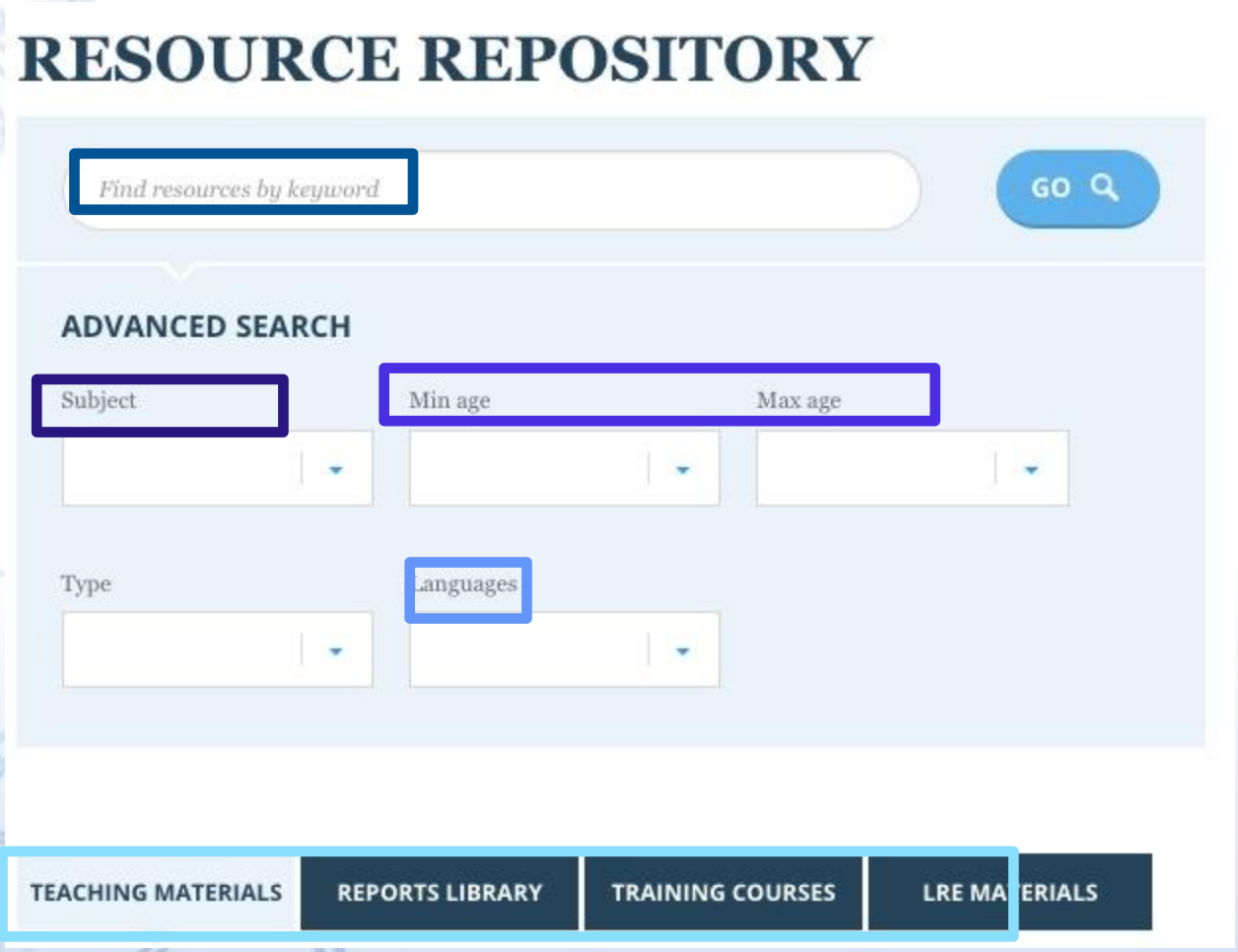
The website: the starting point to learn about Scientix

www.scientix.eu



Resource: al lot of material for STEM lessons



Resource: Translation on demand

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.

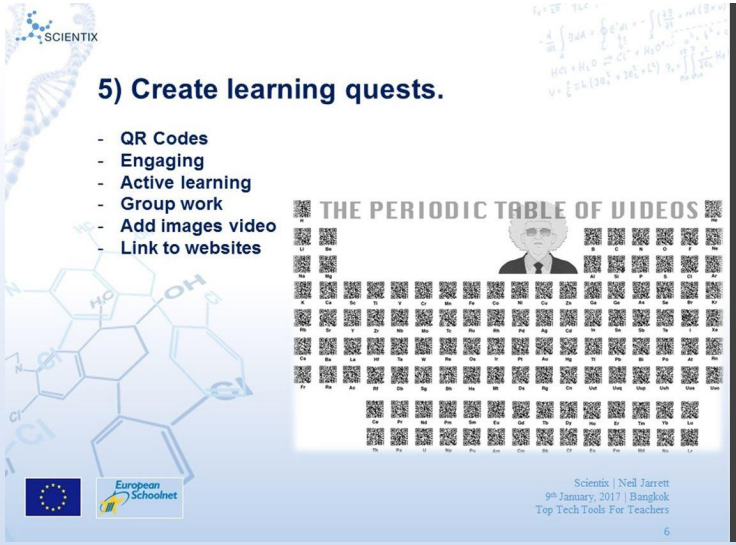
2016-2019 SCIENTIX WEBINARS

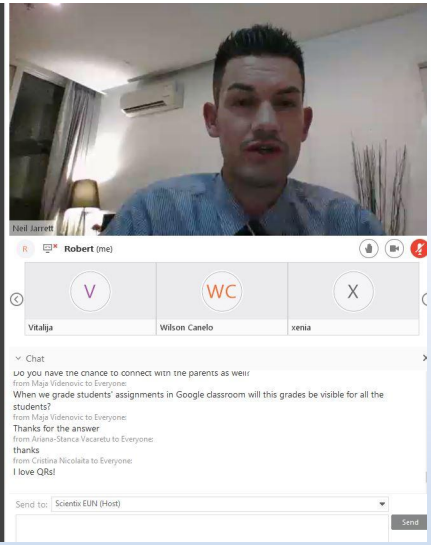
As in previous years, Scientix is organising a series of webinars on STEM education. **Taking place during a 3 year period, these webinars are open to anybody interested in science teaching and learning.**

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.





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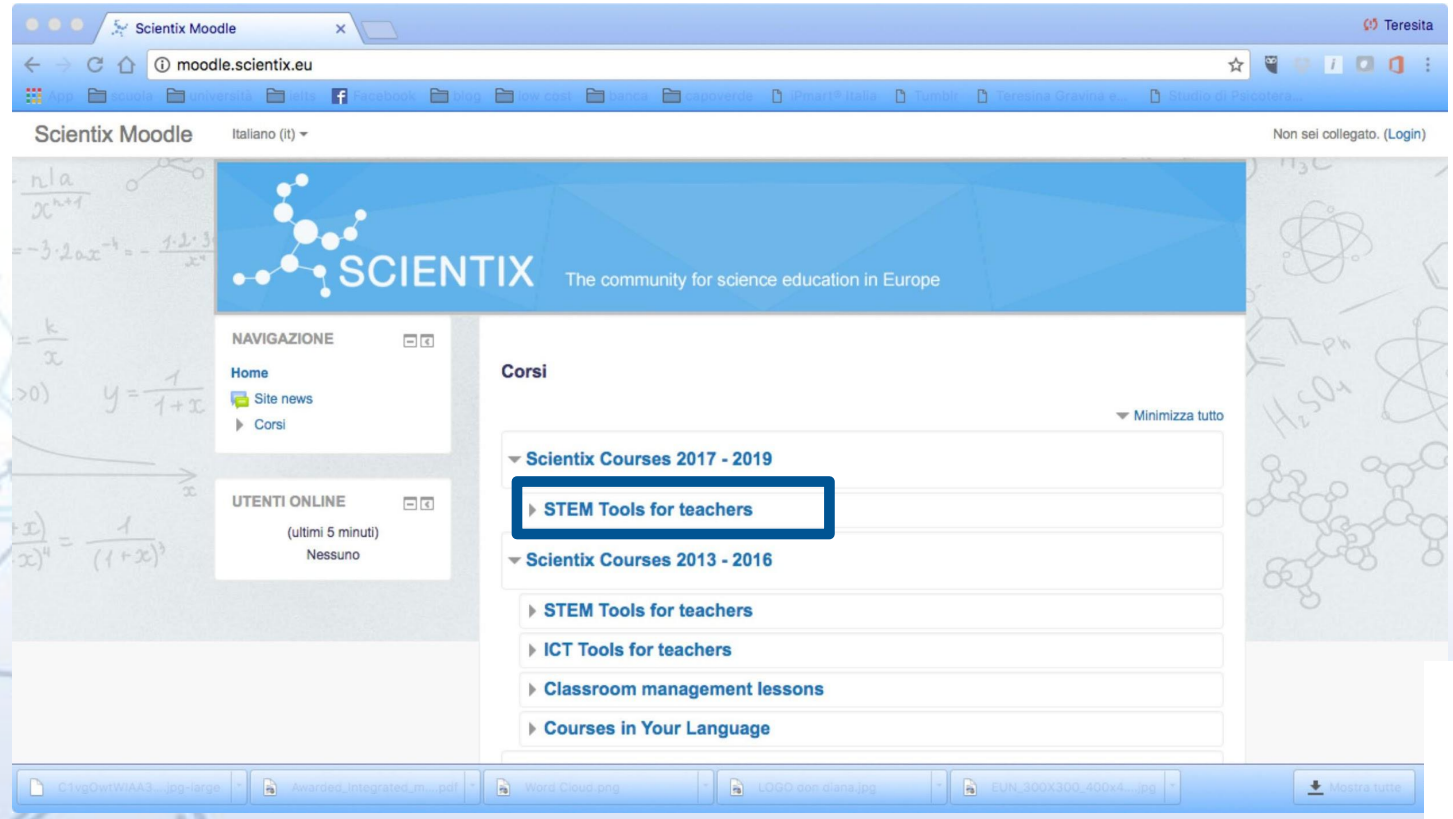
Moodle: online courses on STEM topics

http://moodle.scientix.eu/



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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

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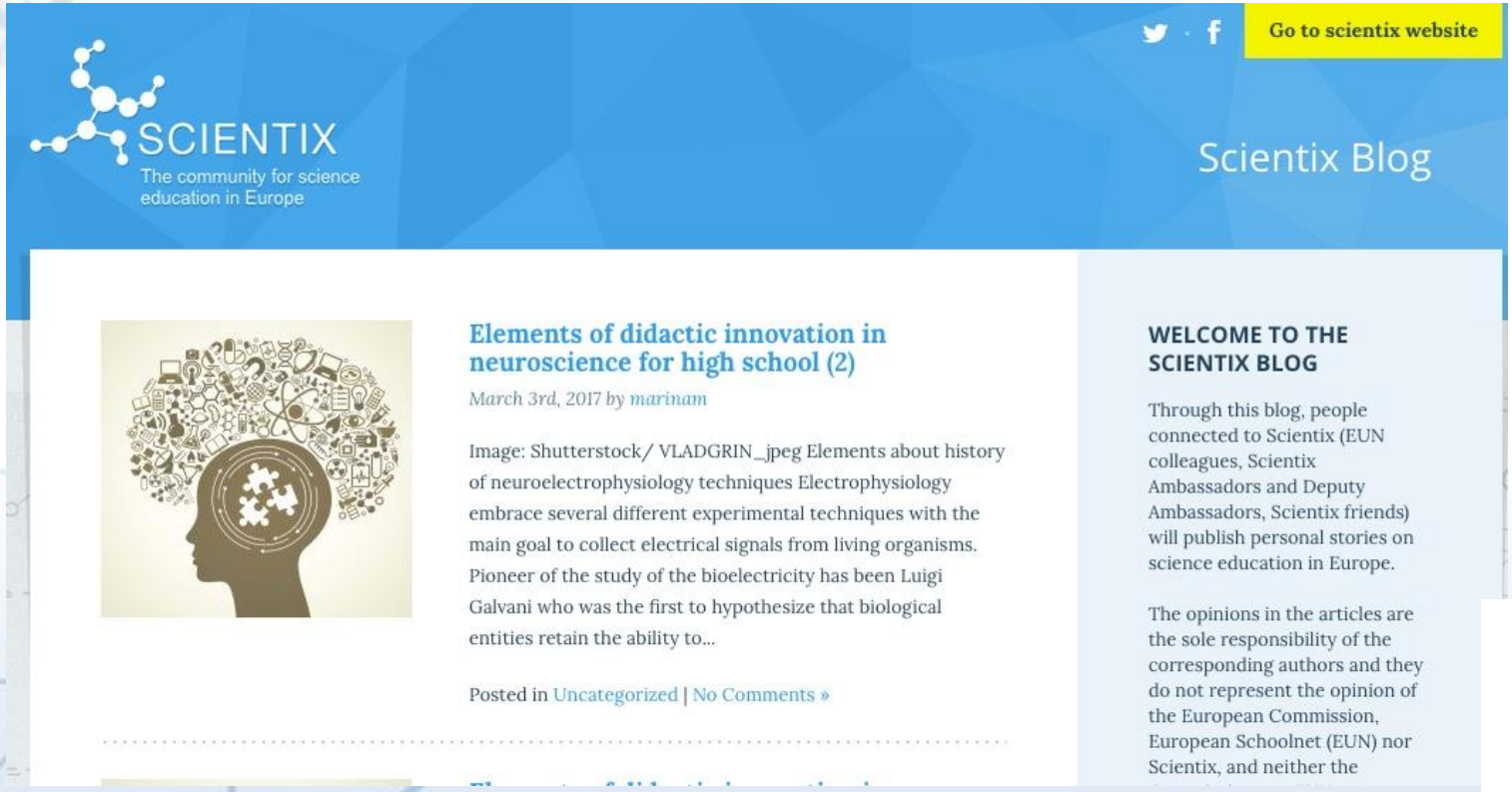
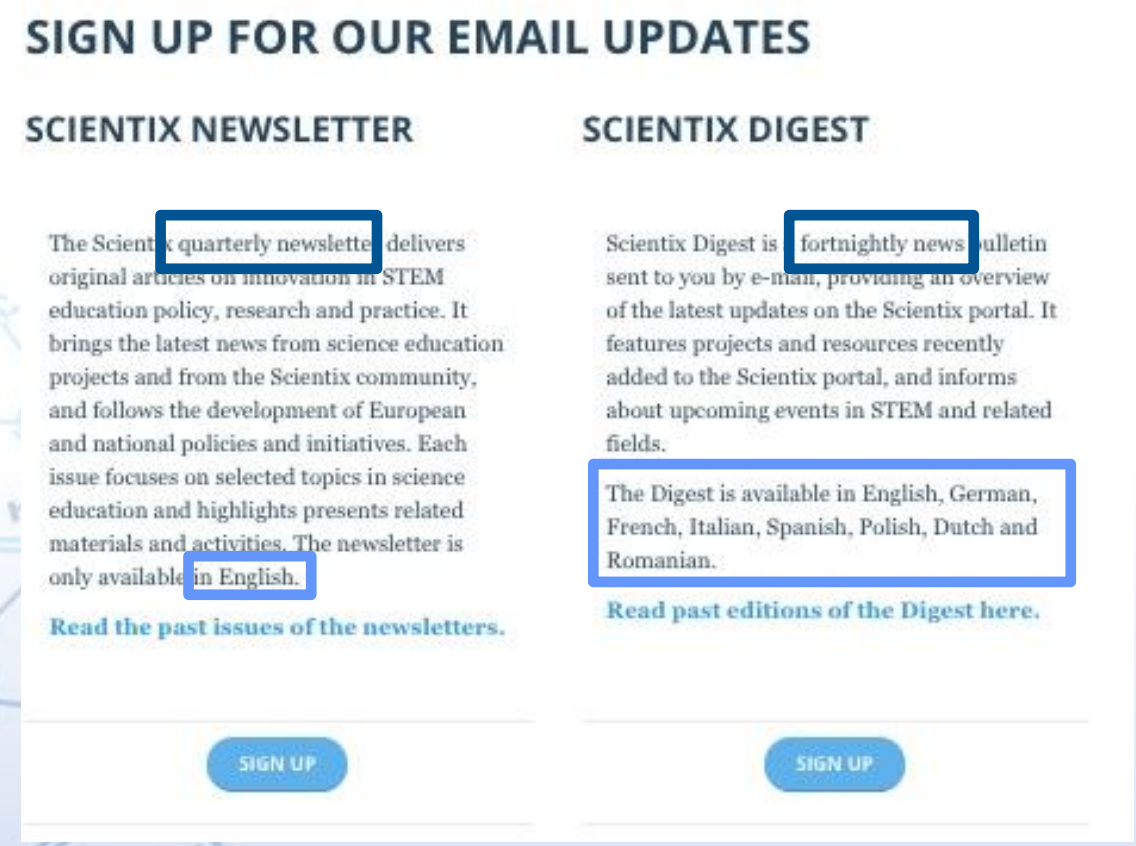
Blog: news from STEM world



Sign up: Newsletter or Digest



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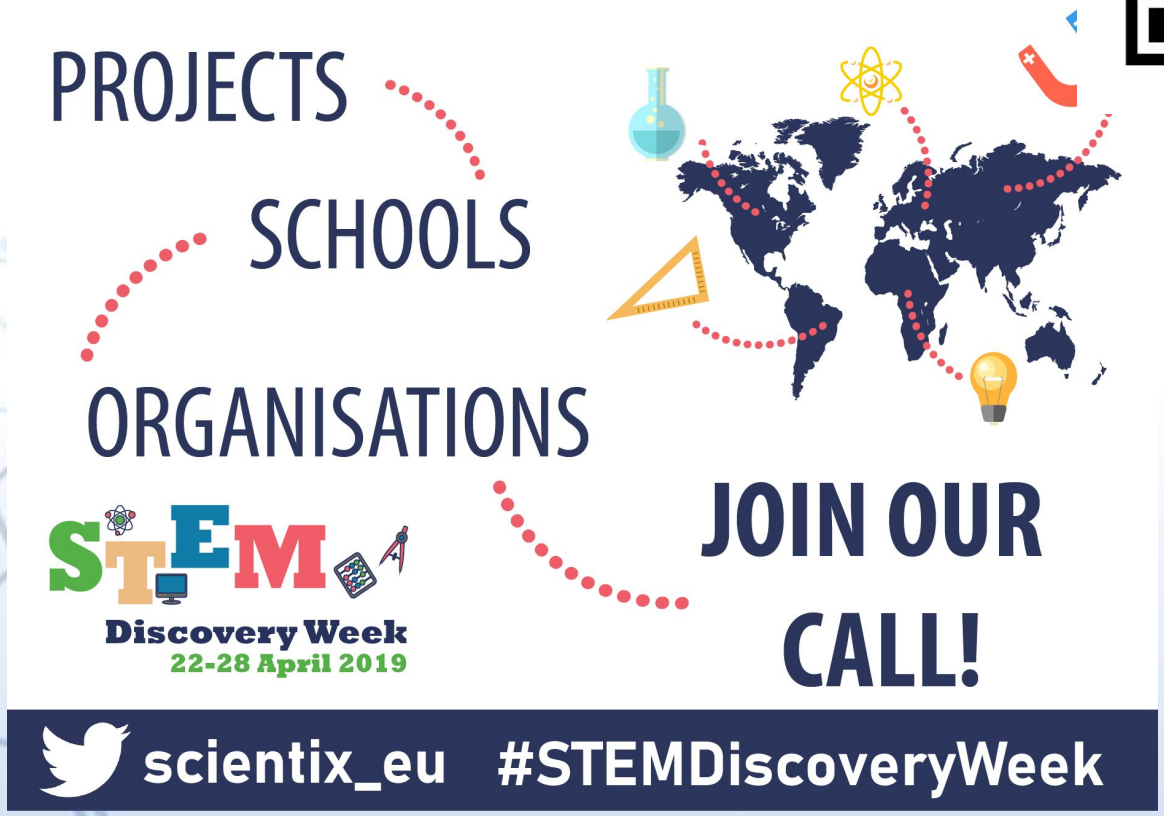
STEM discovery Week



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Learn with Europeana

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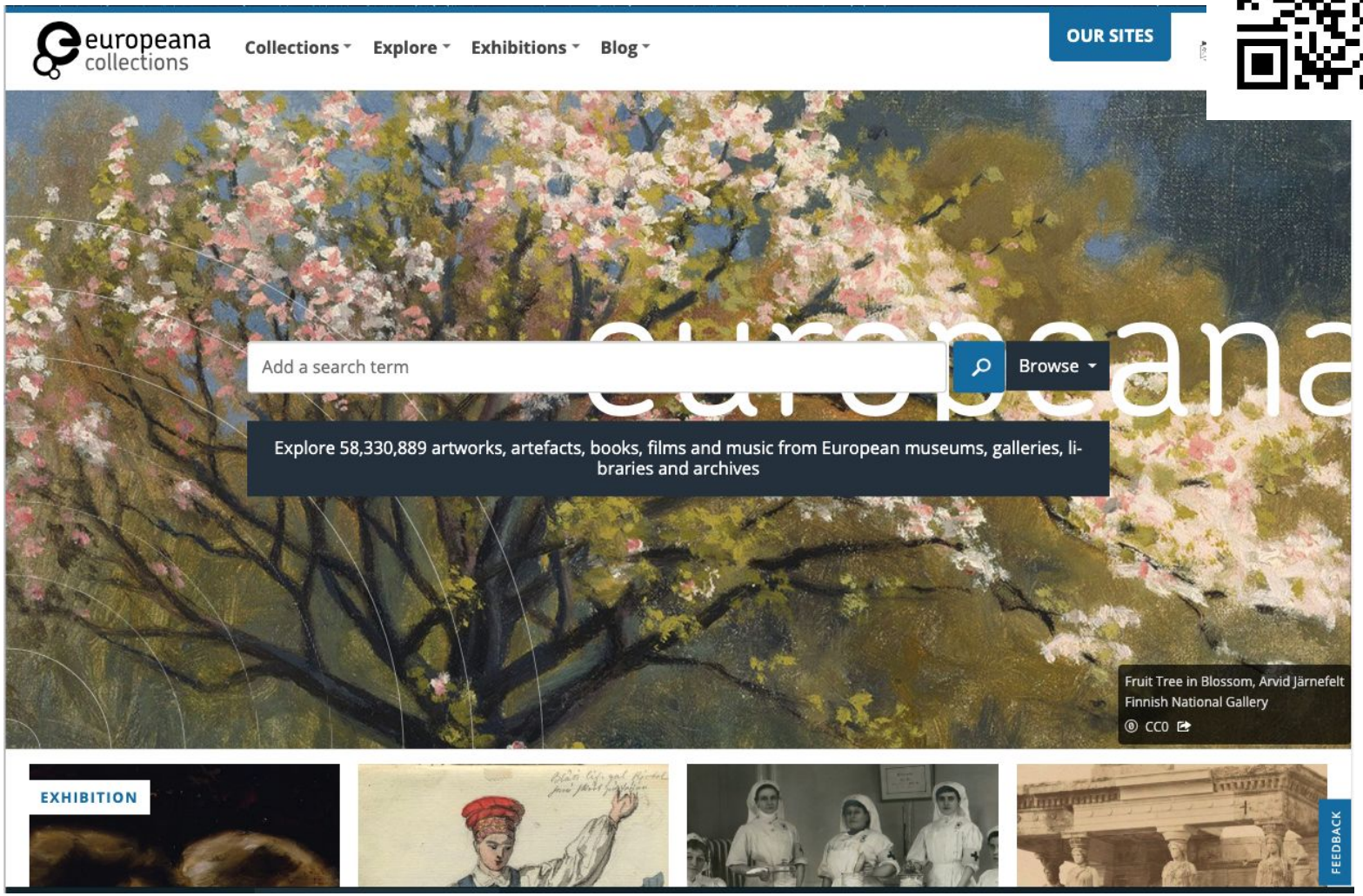
Europeana Collections



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Working with teachers across Europe

Teachers during the DSI3 project workshops in EUN EUN Academy
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Europeana Education MOOC

- 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

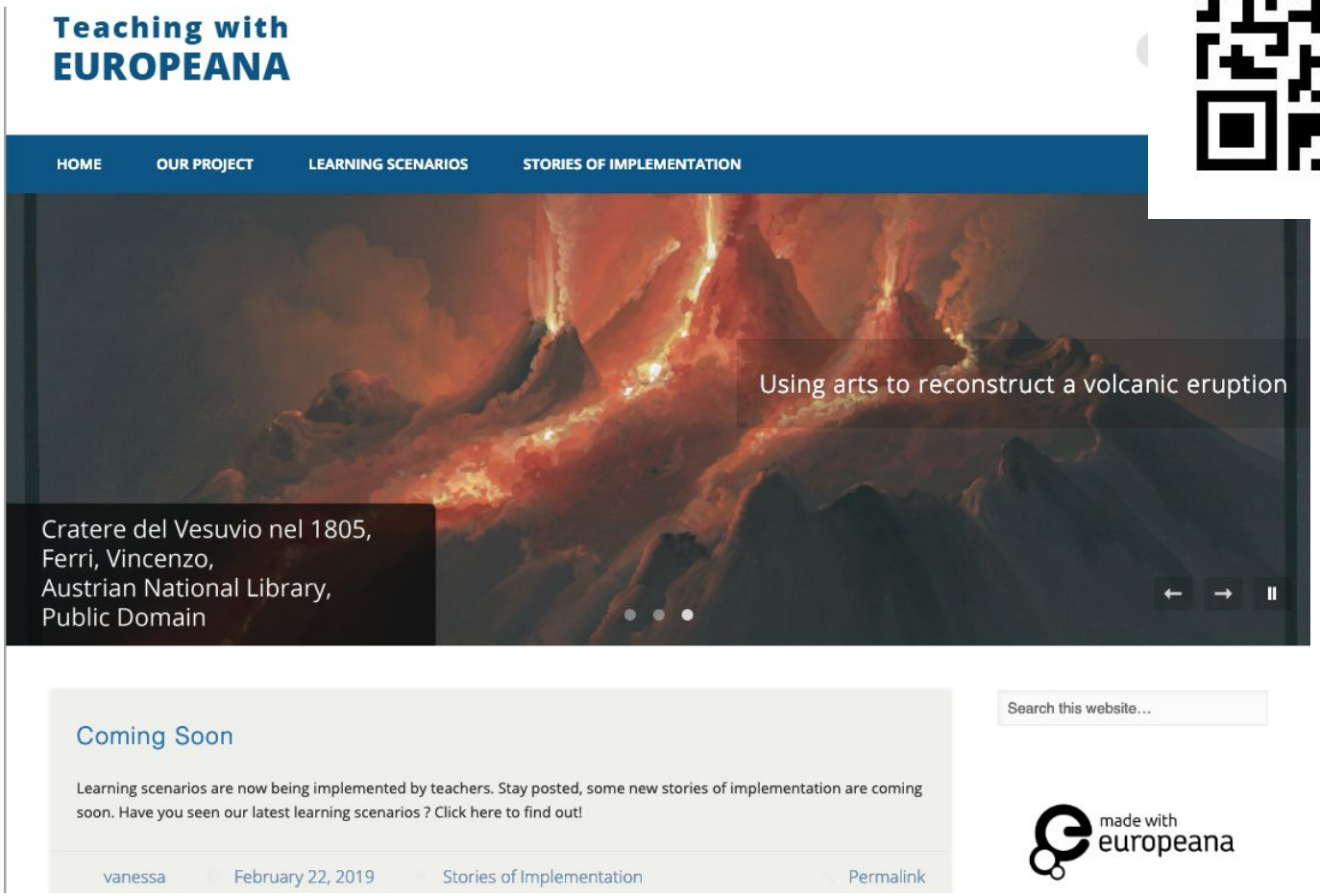
Teresita Gravina

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



STEM challenge

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Enjoy!

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