



Scientix: comment collaborer ensemble pour l'éducation des sciences en Europe

Noëlle Billon, Scientix Deputy Project Officer

Centre International de Valbonne, 16/01/2019

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The community for science
education in Europe





Transforming education in Europe



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1,449 RESULTS FOUND.



Scientix 2 Webinar - 3D Printing and STEM Education

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DISCOVER SPACE CAREERS



READ SPACE SCOOPS



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EDUCATE & INSPIRE



DEVELOP TEACHING SKILLS



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<http://space-awareness.org>



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INSIGHT EDU, INTERIOR EXPLORATION USING SEISMIC INVESTIGATIONS, GEODESY AND HEAT TRANSPORT

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BASIC INFORMATION

RESEARCH INFORMATION

TEACHER INFORMATION



The INSIGHT EDU project listens closely to the “heartbeat” of the red planet!

The INSIGHT EDU project listens closely to the “heartbeat” of the red planet Mars, to record precise data about earthquakes and other internal activities and better understand the planet’s composition.

INSIGHT EDU also involves the generation of school kids, teens and students who, like scientists, can follow the mission live.

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STIM, SCHOOLS TUNE INTO MARS

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BASIC INFORMATION

RESEARCH INFORMATION

TEACHER INFORMATION



The overall objective of the Schools Tune Into Mars (STIM) project is to provide pedagogical materials with high-quality inspirational lessons related to planetology. The project's materials are based on the latest developments in space research and pedagogy and meet teachers' needs for opportunities in professional development, making use of particular scientific concepts in planetology and planetary seismology.

Schools Tune Into Mars (STIM) is a project that brings together a network of schools and organisations with an interest in space education and studies related to the planet Mars. Thus, STIM provides adequate guidance and underpins innovative activities that are developed in a co-constructive process between researchers and teachers.

Several complementary blocks of activities are developed as part of the STIM project, including:

- A study on the results of various space missions and their integration in lessons in the fields of STEM,

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Schools Tune Into Mars

Bringing Space Research Into the Classroom

September 2018 – August 2021

Partner countries: BE, FR, RO, ES

Aims:

- to improve effective and quality teaching of STEM through the exchange of teaching practices related to Space mission InSIGHT “Discover the inner structure of Mars to better understand the Planet Earth”.



Four main deliverables:

Report

- Report on the integration of Space mission results in STEM lessons

Guide

- Pedagogical guide on how to use Space mission resources in the classroom

MOOC

- Massive Open Online Course: Bring Mars missions in the classroom

Network

- Recommendations for the creation of a Mars-Edu network



RRI in practice for schools
Handbook for teachers

★★★★★

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RRI in practice for schools. Handbook for teachers

Descriptor: *biology chemistry ecology engineering geology mathematics physics*

Copyright:  **Age:** 7-18 **Project:** RRI tools

Description: *The resource contains a variety of resources. For a start, it includes a set of short exercises to be used as a starting point to analyse how RRI-oriented educators' practices are specifically focused on the mapping of RRI obstacles and opportunities, the...*

DESCRIPTION

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RRI in practice for schools
Handbook for teachers

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RRI in practice for schools. Handbook for teachers

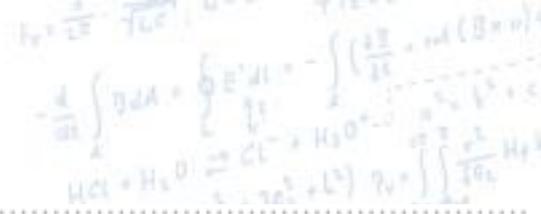
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DESCRIPTION

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None

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◀ July 2016 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					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						

Courses

▼ Collapse all

▼ Scientix Courses 2013 - 2015

▶ STEM Tools for teachers

▶ ICT Tools for teachers

▶ Classroom management lessons

▶ New Courses (December 2015)

▶ Courses in Your Language

▼ Scientix Courses 2010 - 2012

▶ A-STEM Tools for Teachers

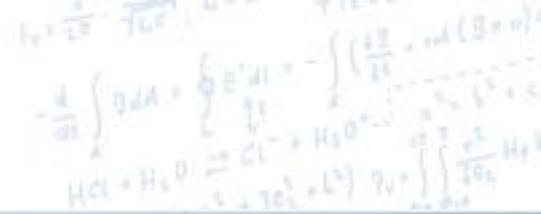
▶ B-Office Tools for Teachers



MOOCs for teachers by teachers

Welcome to the European Schoolnet Academy

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bit.ly/STEMISEVERYWHERE

MOOC FOR TEACHERS STARTS

29 OCTOBER 2018







Future Classroom Lab

by European Schoolnet



STEM Discovery Week

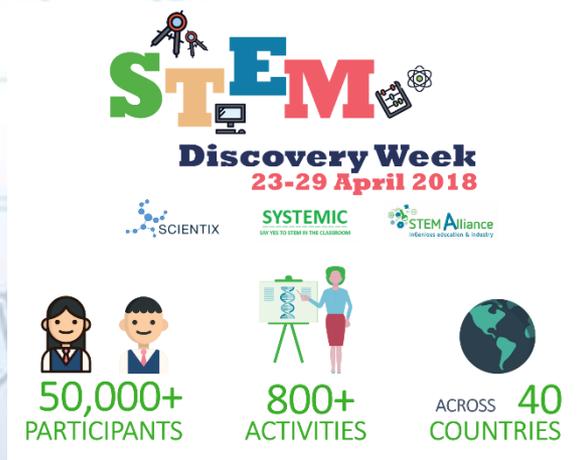


SCIENTIX | STEM Alliance | STEM DISCOVERY WEEK 2017 | #STEMDiscoveryWeek

Events organised: 119
 Schools: 1,500
 Teachers: 2,000
 Companies: 146
 Students: 13,300
 Countries: 23
 Competitions: 3

www.scientix.eu/events/campaigns/sdw17
 www.stemalliance.eu/stem-week-2017

24-30 April 2017



STEM Discovery Week 23-29 April 2018

SCIENTIX | SYSTEMIC | STEM Alliance

50,000+ PARTICIPANTS
 800+ ACTIVITIES
 ACROSS 40 COUNTRIES

23-29 April 2018



	2017	2018
Activities	119	539
Participants	16,281	> 50,000 (400)
Countries	23	34
Partners	-	> 70

STEM Discovery Week

22-26 April 2019



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POINTS DE CONTACT NATIONAUX SCIENTIX

Les Points de contact nationaux Scientix représentent un lien important entre l'action Scientix au niveau européen et les activités se déroulant dans votre pays. Ils impliquent les communautés nationales de professionnels STEM, communiquent sur les activités Scientix et organisent des ateliers nationaux, des séminaires Web et d'autres activités pertinentes.

Les Points de contact nationaux Scientix suivent et analysent également les initiatives politiques et pédagogiques nationales qui sont dédiées aux sciences et apparaîtront sur le site Web Scientix afin de proposer un aperçu des initiatives nationales de formation scientifique en Europe.

- Des informations complémentaires sur les Points de contact nationaux Scientix 2016-2019 seront communiquées en janvier 2017.

AMBASSADEURS SCIENTIX

Les Ambassadeurs Scientix, membres de notre Panel d'enseignants, promeuvent Scientix auprès de leurs pairs (professeurs de sciences et de mathématiques en Europe) et informent ces derniers.

Ils présentent Scientix dans les écoles et les associations nationales d'enseignants à l'occasion de conférences et d'ateliers, et conseillent les enseignants sur leur implication dans la coopération européenne liée aux STEM. Ils aident aussi au développement et au test des outils et services Scientix, et ils garantissent la qualité pédagogique du référentiel Scientix.

Si vous souhaitez organiser une présentation de Scientix dans votre école ou dans le cadre d'un événement spécifique, vous pouvez contacter les Ambassadeurs Scientix de votre pays ou de votre région :

- [Liste des Ambassadeurs Scientix 2016-2019](#)

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2014-2016

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- Rejoignez le groupe [Science Teachers in Europe](#)



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Des questions?

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Merci

Noëlle Billon

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And please send us your
return boarding passes...

