

# Science Education Department Monthly Focus

The Science Education Department at European Schoolnet aims to encourage more students to follow Science, Technology, Engineering and Mathematics (STEM) studies and go into STEM careers, and more importantly, ensure all students understand the key role STEM has in our lives.

To achieve this, we support our Ministries of Education

by working with teachers, industry partners and other STEM education stakeholders, offering professional development opportunities, carrying out validation pilots, curriculum analysis and dissemination of good practices.

We are currently involved in over 15 projects and in each monthly focus we will highlight a service/area we work on.



//May 2020//

## Short news

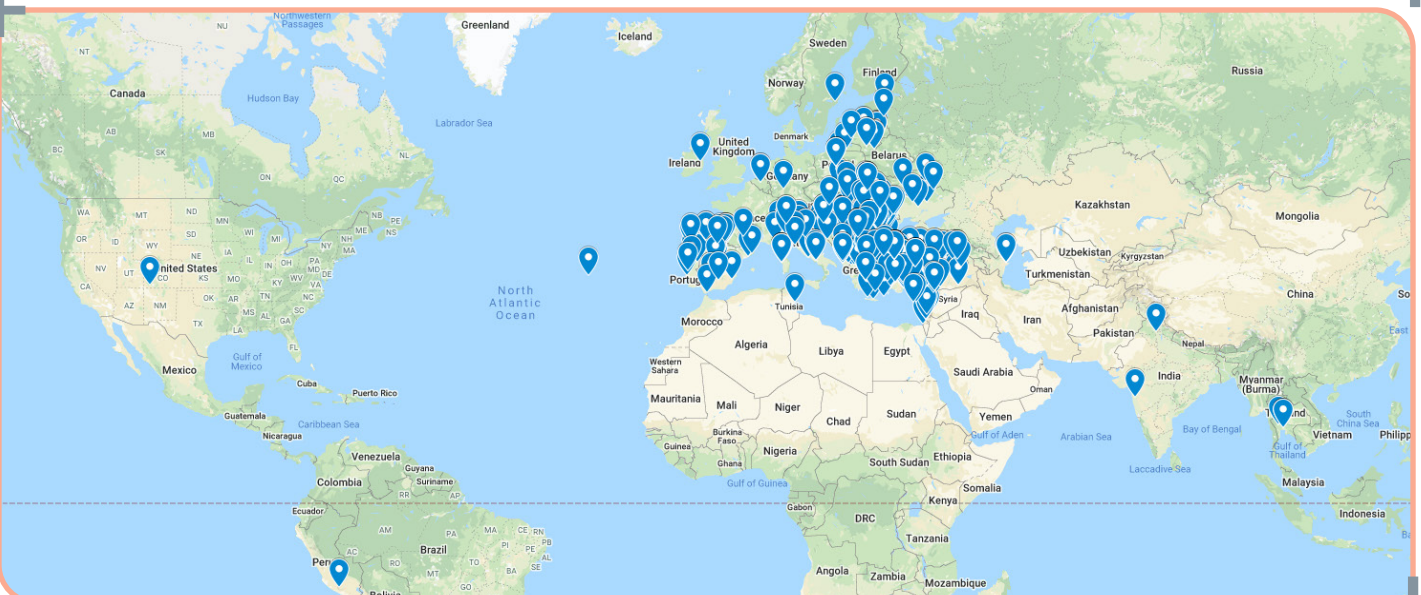
**STE(A)M IT** is the first European integrated STE(A)M framework, in collaboration with Ministries of Education, Industries, regional authorities and practitioners. Designed to help teachers, schools, career advisors, industry and policy makers strengthen the educational landscape by promoting innovative and cross-disciplinary approaches to STE(A)M teaching, the new STE(A)M IT portal will gather a community of experts and provide tools and guidelines to ensure that future citizens will be ready to tackle any issues in society, in a collaborative, critical and efficient way.

The project aims to encourage innovative STE(A)M practices by creating and testing a reference framework for integrated STE(A)M education, and by developing a capacity building programme for primary and secondary teachers. A particular focus will be put on the contextualization of STEM teaching through industry-education cooperation, closely involving regional educational administrations in the work of the MoE STEM WG. Furthermore, the project aims to raise awareness of the importance of introducing pupils to STEM and promote the attractiveness of STEM jobs.

## This month's focus: the 2020 STEM Discovery Campaign...

The **2020 STEM Discovery Campaign** (SDC20) was a joint international initiative organized by Scientix. Since the outbreak of COVID-19 in Europe, we have witnessed not only the closure of many schools but also the cancellation of seminars and networking events for teachers. The SDC20 confirmed that teachers and students care about the continuation of education and are ready to adapt to new situations. Not only are we grateful for their efforts, but also find their passion and determination admirable. In the table we summarise activities from the past four years. Keep in mind remote online teaching has influenced this year's student outreach.

	2017	2018	2019	2020
<b>Activities</b>	119	800	980	<b>610</b>
<b>Schools</b>	1,500	n/a	4,700	<b>7,700</b>
<b>Teachers</b>	2,000	n/a	15,500	<b>14,400</b>
<b>Students</b>	13,300	n/a	122,000	<b>68,400</b>
<b>Participants</b>	15,300	50,000	162,000	<b>89,300</b>



2020 STEM Discovery Campaign activities' and actions' map

## ...and the STEM Online Days 2020

As introduced in the previous [April Focus](#), organised jointly by Scientix, STEM Alliance, STEM School Label, STE(A)M IT, Impact EdTech, TIWI, SpaceEU and Amgen Teach, the [STEM Online Days 2020](#) offer webinars, online

conferences, workshops and interactive sessions with experts, mostly open for everyone to join.

In the next section is a list of the events taking place within the STEM Online Days initiative.

### SAVE THE DATE

STEM  
online  
DAYS  
2020

**2020 STEM Online Days**  
the biggest online STEM event  
organised by:

STEM Alliance - Amgen Teach  
Space EU - Scientix  
Impact EdTech  
STEM School Label - STE(A)M IT

#STEMonlineDays

#### Webinars

**05/05 - 10:00 - 11:00**

SpaceEU / Scientix:

["Converting workshops to online training"](#)

**20/05 - 13:00 - 14:00**

Impact EdTech Q&A:

["IMPACT EdTech 1st Open Call: Applicants' questions"](#)

**26/05 - 17:00 - 17:45**

STEM Alliance/ Scientix / Airbus Foundation:  
[The Aerospace in Class Project](#)

**09/06 - 17:00 - 18:00**

STEM Alliance / Scientix / EPCA

"A STEM forward: fostering collaboration between teachers and the industry" with BASF as guest speaker

**15/06 - 13:00 - 14:00**

Impact EdTech Q&A:

["IMPACT EdTech 1st Open Call deadline"](#)

#### Online Conferences/Workshops/Interactive sessions

**04/06**

IMPACT EdTech Info Day 2 (sessions tbc)

**25/06 - 10:00 - 12:00**

STEM School Label High Level Event (open to all)

**13:00 - 15:00**

MoE STEM WG meeting (Scientix / by invitation only)

**26/06 - 10:00 - 12:00**

STEM School Label High Level Event (open to all)

**13:00 - 15:00**

STEM Alliance GA (by invitation only)

**03/07 - 10:00 - 15:00**

STE(A)M IT 2nd co-creation workshop on the First Integrated STE(A)M IT framework

STE(A)M IT  
STEM School Label  
TIWI



Bloom Bioeconomy  
IMPACT EdTech  
Scientix



Europeana Education  
Space EU



#### > More information

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