

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.



//September 2020//

Short news

The “**STEM Alliance - Dell PolicyHack™ Competition**” calls for teachers in Europe to submit STEM education challenges that they face on a local/regional level in their education practices and share recommendations on how ICT (Information and Communication Technologies) can help solve these. To apply, participants need to submit a Statement of Purpose in the Submission Form, outlining the challenge they face and propose policy recommendations by **15 October**. More information about submission criteria on <http://www.stemalliance.eu/dell-policyhack>.

Tackling the challenges educators and students may face during this atypical school year, the **L2C Learning Leadership for Change project** is providing more and more materials to support schools in planning a smooth return. Shared Leadership is crucial in making it possible for schools to foresee future scenarios and adapt accordingly. With this in mind, L2C is increasing its digital support by regularly enriching the **Resources** page l2c.eun.org/resources with new materials including courses, guidelines, action plans and much more.

This month's focus: Scientix online survey...

Scientix, with **Amgen Teach** and the **STEM Alliance**, is launching a comprehensive, international survey on **teachers' practices and use of educational technologies during the COVID-19 pandemic**. The survey, which is addressed to teachers in primary and secondary education (students aged 3 to 19), is available in 24 languages and its results will be used to draft a Scientix Observatory paper.

The study aims to collect information on the educational

technologies teachers used in the weeks that followed the outbreak of the COVID-19 pandemic, the problems they encountered, the solution they adopted as well as the recommendations they may wish to share. The answers to this survey will help shape future actions to support teachers better.

You can participate in the survey by going to www.scientix.eu/covid19-survey.



ONLINE SURVEY ON TEACHING DURING THE COVID-19 PANDEMIC



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...the new STE(A)M IT Repository of STEM jobs Profiles...



DISCOVER THE NEW STE(A)M IT REPOSITORY OF STEM JOBS PROFILES



The work presented in this document has received funding from the European Union's ERASMUS+ programme project STE(A)M IT (Grant agreement 612845-EPP-1-2019-1- BE-EPPKA3-PI-FORWARD), coordinated by European Schoolnet (EUN). The content of the document is the sole responsibility of the organizer and it does not represent the opinion of the European Union or the Education, Audiovisual and Culture Executive Agency, which are not responsible for any use that might be made of the information contained.

Developed in the framework of the **STE(A)M IT project**, this new tool supports teachers and career advisors in their mission of motivating pupils to study STEM subjects and undertake STEM-related careers! It provides them with resources, such as videos, podcasts, and career sheets, created with the support of STEM professionals. But more than just a toolbox, the [STE\(A\)M IT Repository of STEM Jobs Profiles](#) is also a hub supporting professional development

by enabling dialogue among educators, so they can, through comments, share their experience on how to use these resources and present STEM jobs in classrooms. The project also has for ambition to connect STEM professionals with students, teachers and career advisors by inviting them to share their advice through comments or even contact the project coordinators to contribute to the repository by creating their STEM job profile.

...and the Europeana DSI-4 project latest updates

Written in the framework of the **Europeana DSI-4 project**, this 'Europeana Education and European Schoolnet: Five years promoting innovative learning with digital cultural heritage, 2015 – 2020' publication highlights how, during the past five years, Europeana and European Schoolnet have been working together on **strengthening** the connection between **STEM** and **Art**. The report is available on the Teaching with Europeana website <http://www.eun.org/resources/detail?publicationID=1901>.

Furthermore, inspired by the now notorious 'don't rush challenge', the Europeana Education Ambassadors came together in two playful videos to showcase the educational resources used in their classroom. You can access both videos on YouTube:

- <https://www.youtube.com/watch?v=hZpPLgsR8DM>
- <https://www.youtube.com/watch?v=VBqR9TECuWE>



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