

Aerospace in Class Project

Call for Teachers

AIM

European Schoolnet (EUN) is looking for **11 Lead Teachers** to join the “**Aerospace in Class**” **Project** (January 2020 - April 2021). The Lead Teachers will:

- Develop a Learning Scenario on integrating Airbus Foundation Discovery Space resources in the classroom (targeted at children 8-12 years old)
- Participate in two face-to-face workshops in the Future Classroom Lab in Brussels, one to take place on 21-22 February 2020 and one to take place in September 2020 (exact dates to be confirmed)
- Test and validate their own Learning Scenario as well as another Lead Teacher's Learning Scenario by implementing them in their classroom
- Improve the content of the Learning Scenarios, following a pre- and post-implementation reflection in the form of online questionnaires
- Act as experts during the preparation of a Massive Open Online Course and support EUN in developing part of the material
- Participate in at least three online meetings led by EUN to share experiences and feedback for colleagues

ABOUT THE AIRBUS FOUNDATION AND EUN

The “Aerospace in Class” Project is about integrating STEM¹ resources from the Airbus Foundation Discovery Space in classes for 8- to 12-year-old students. The project is funded by the **Airbus Foundation** which is committed to bringing together the products and people of the global aerospace company Airbus to help address the challenges of today's society. Youth development is one of the pillars upon which the Airbus Foundation is built, empowering young people for the challenges of tomorrow.

The **Airbus Foundation Discovery Space** is a [digital portal](#) for aerospace exploration, connecting students, parents and educators across the globe with professionals in the field, bringing today's research and technology to life.

European Schoolnet (www.eun.org) is coordinating this project. EUN is the network of 34 European Ministries of Education, based in Brussels, which aims to bring innovation in

¹ STEM stands for Science (Physics, Chemistry, Biology, Geology), Technology, Engineering or Mathematics subjects.

teaching and learning to its key stakeholders: Ministries of Education, schools, teachers, researchers, and industry partners.

The "Aerospace in Class" Project consists of the following **three phases**:

1. Co-construction of 11 Learning Scenarios to support the integration of Airbus Foundation Discovery Space resources in classes for 8- to 12-year-old students
2. Validation of the Learning Scenarios in schools in several European countries
3. Capacity building with the development of a Massive Open Online Course

TASKS FOR THE LEAD TEACHERS

Within the first phase of the project (Feb – Jul 2020), each of the 11 Lead Teachers is expected to:

- Participate in an introductory online meeting
- Take part in the first face-to-face workshop in the Future Classroom Lab in Brussels, which will take place on 21-22 February 2020, in order to start the co-creation of the 11 Learning Scenarios that include Airbus Foundation Discovery Space resources
- Participate in at least two follow-up online meetings to share feedback on the development of each other's Learning Scenarios (structured as a peer-review process)
- Validate their own Learning Scenario, using pre- and post-implementation questionnaires and providing feedback

Within the second phase of the project (Sep – Nov 2020), each Lead Teacher is expected to:

- Participate in the second face-to-face workshop in the Future Classroom Lab in Brussels, which will take place in September 2020, in order to establish concrete plans for the validation of other Lead Teacher's Learning Scenarios
- Reflect on the developed Learning Scenarios in video footage to be shot by EUN during the second workshop
- Validate one Learning Scenario that a Lead Teacher from another country developed, using pre- and post-implementation questionnaires and providing feedback
- Help EUN identify two more teachers from their country that will test a Learning Scenario and support them in the implementation and testing.
- Take part in a debriefing webinar, in the form of a structured interview, to collect in-depth information on the experience of implementing the Learning Scenarios

Within the third phase of the project (Sep 2020 – Apr 2021), each Lead Teacher is expected to:

- Provide input and support EUN in developing part of the material for the Massive Open Online Course (MOOC)

BENEFITS

- Lead Teachers completing tasks will be remunerated for up to 6 days of work (600 EUR). Note that Lead Teachers will be expected to supply EUN with a detailed timesheet in the format and at the periods required
- Travel and accommodation costs of Lead Teachers will be covered to participate in the two workshops to be held on 21-22 February and in September 2020 (the days spent at the workshop are not remunerated)
- Opportunity to be part of the selected network of this European project
- Professional development training in new pedagogical approaches
- Certificate of work done at the end of the project

SELECTION CRITERIA

Interest in the Moon, aviation and the future of aerospace: Airbus Foundation Discovery Space resources focus on three main topics, namely the Moon, aviation and the future of aerospace. Lead Teachers should have an interest in integrating these resources in the classroom.

Actively teaching children 8-12 years old: Lead Teachers will implement Learning Scenarios in their own practice. Therefore, they should be active teachers during January and April 2020 teaching students 8-12 years old.

Experience in producing learning/training resources: Lead Teachers will be required to have proven experience in developing pedagogical material for students.

Proficient knowledge of English (understanding, writing, reading and listening): Lead Teachers should feel comfortable to communicate in English in order to attend the workshops, and be able to facilitate the development of additional Learning Scenarios and collaborate online with the teachers from the other countries.

Availability to participate in two face-to-face workshops: in order to fulfil their tasks, Lead Teachers need to attend both workshops, taking place in February and September 2020.

Eager for video production: Lead Teachers should be comfortable speaking on video about their Learning Scenario implementation as well as eager to film their own classroom (if the getting approval from the students' parents is possible).

Interest in learning and sharing experiences and good practices: Lead Teachers will also be asked to demonstrate their interest in collaborative activities and learning.

Very good community organisational skills: Lead Teachers should have previous experience in facilitating (online) communities.

Very good authoring/digital skills: Lead Teachers should have experience in using a range of digital tools for content creation and feel comfortable with maintaining and updating web sites, blogging, photography, videography, online commentary, the maintenance of social media accounts, and editing and distribution of digital media.

Good internet connection at home both in terms of stability and available bandwidth as well as frequent access to technical infrastructure (i.e. PCs) since Lead Teachers need to be able to regularly connect online for their work.

Availability throughout the core part of the project: in order to carry out their tasks, Lead Teachers will have to be able to participate in the project from February 2020 to spring 2021.

HOW TO APPLY

Teachers are invited to apply to be Lead Teacher in this project by filling in this [application form](#) by **27 January 2020**. Due to time constraints, applications might be reviewed as they are received.

The final selection of teachers will be validated by the Ministries of Education in the corresponding countries. EUN will not enter detailed discussions or exchanges with any applicant as to why their application was not successful. We expect to select 2-3 teachers per country, from a total of 5 countries.

The selected teachers will be officially informed by email on their selection by **7 February 2020**.

In order to carry out the activities throughout the core part of the project, the selected teachers will be requested to sign an agreement with EUN by the first workshop.

ANY DOUBTS? PLEASE CONTACT US:

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