



21/11/2013

Call for Pilot Teachers – Phase I

GO-LAB

About Go-Lab

The Go-Lab Project aims at:

1. *Creating a pedagogical framework for inquiry learning with online labs.* This framework will encompass inquiry processes structure, and for each inquiry process a selection and specification of cognitive guidance tools. Guidance tools can be defined as a part of the Go-Lab online learning spaces or as activities of a teacher or a peer. Together, these will be included in a set of concrete inquiry classroom scenarios in which Go-Lab online labs play a pivotal role.
2. *Building of the Go-Lab federation of online labs.* The Go-Lab initiative aims to create a pool of online labs providing access to a large set of remote science laboratories. The project partners have been developing and testing innovative applications emulating real scientific work for many years. By using such online labs students will be supported in understanding scientific aspects of the world around them and taking decisions about the applications of science.
3. *Providing one-click access to online labs and personalization facilities.* The Go-Lab Portal will be the unique gateway to online labs and will provide services to easily plug-in and share online labs by the lab-owners, as well as services to integrate additional features such as learning analytics, guidance, booking and bartering. Personalization features and inquiry apps will be designed taking into account learning preferences, competence levels, subject domains, and contexts. An app composer will be offered to teachers to design personalized user interfaces according to their teaching goals.
4. *Building a Community.* Go-Lab will involve teachers, students, and researchers in collaborative learning activities by creating a comprehensive open learning network. In this way it is expected to extend the dialogue between scientists and the educational community, enforce the collaboration between schools and research organizations, and help young people to acquire better understanding of the role of science in society.

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BECOME A GO-LAB PILOT TEACHER

SUMMARY:

- A core network of five hundred (500) teachers and their individual classes from all over Europe will work with Go-Lab on the development, implementation and evaluation of the Go-Lab portal, educational resources repository and related activities.

TEACHERS' TASKS FROM OCTOBER 2014 – JUNE 2015

- a) Create, develop further or adapt existing inquiry learning spaces (ILSs) and lesson plans using online labs that can be used in the classroom for science teaching.
- b) Participate in the evaluation of the Go-Lab project and approach by answering online questionnaires.
- c) Participate in professional development trainings, workshops and dissemination activities organised at local, national or international level.

BENEFITS FOR TEACHERS

- a) Be part of the dynamic Go-Lab community which includes teachers from all over Europe and beyond.
- b) Have access to a high- quality selection of laboratories and inquiry learning spaces (ILSs) that can be used in the classroom.
- c) Possibility to attend the annual Go-Lab summer school and training workshops.

TEACHERS CHARACTERISTICS

- Good knowledge of English (understanding, reading, writing)
- Teachers of Maths, Physics, Chemistry, Biology, Technology, Informatics or Primary school science teachers
- Interested in learning and sharing experiences and good practices
- Interested in the use of online laboratories

ANY QUESTIONS?

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Subject: [Go-Lab] Pilot Teacher