

UniSchoolabS Partners

The UniSchoolabS project is coordinated by Scierter on behalf of Directorate General of Education and Culture and the partners are:



Scierter
<http://www.scierter.org/>



European Schoolnet (EUN)
<http://europeanschoolnet.org>



Ellinogermaniki Agogi
<http://www.ea.gr/>



Istituto per le Tecnologie Didattiche
<http://www.itd.cnr.it/>



MENON
<http://www.menon.org/>

Contact

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It's Lab time!
Connecting Schools with Universities'
Remote Laboratories



UniSchoolabS



<http://unischoolabs.eun.org>

About

UniSchoolLabS promotes the collaboration between Universities and Schools by providing remote access to science laboratories for primary and secondary education through internet-based services.

What is a Remote/Virtual Laboratory

A Remote Laboratory allows the control of experimental equipment online with a web browser. Users can exploit telecommunications to remotely conduct real experiments, at the physical location of the operating technology, while they are on a different geographical location.

A Virtual Laboratory though, does not control real Laboratory equipment but it uses an interactive environment for conducting simulated experiments.

Website and Online Community

The UniSchoolLabS portal, <http://unischoollabs.eun.org>, is the central point collecting all project's information, news, activities, events, documents and outcomes. The portal is also the entry point for the UniSchoolLabS Community which is the working and exchange area for UniSchoolLabS' Pilot Schools. The Community will become available to the general public at the end of the project, in September 2012.

UniSchoolLabS Goals

UniSchoolLabS' main objectives are the following:

- Improve the quality of Science education in Europe by making Universities' Laboratories available to Primary and Secondary Schools.
- Develop a Toolkit which will include a Remote/Virtual Laboratories catalogue, teachers and students guides, pedagogical plan editor and lab notebook.
- Engage ten (10) Pilot Schools from Germany, Austria, Italy and Greece into evaluating and improving the UniSchoolLabS Toolkit based on teachers' and students' feedback.
- Organise workshops and introduce Toolkit to more Schools.
- Present the evaluation results of UniSchoolLabS and make appropriate recommendations to policy makers.



Advantages for Schools

UniSchoolLabS and its Toolkit offer Schools the following advantages:

- A good selection of Laboratories suitable for primary and secondary education.
- Access to teaching and learning material in four (4) languages.
- Tools allowing the creation of lesson plans and sharing them with other teachers.
- Introductory sessions to get acquainted with the Toolkit.
- Support services ready to offer assistance during the whole process.
- Become part of an online teacher Community of ten (10) chosen Schools from four (4) countries.

Advantages for Universities

For Universities, UniSchoolLabS offers the following advantages:

- Extend the use of their lab to Schools (nationally and at European level) and become part of a network of Remote/Virtual Laboratories offering services to education.
- Obtain translations of lab information and materials into the UniSchoolLabS partners' languages (English, German, Italian, and Greek).
- Receive feedback from teacher and student users.
- Promote their Laboratory via UniSchoolLabS dissemination activities: UniSchoolLabS website, links from partners' websites, presentations and workshops at national and international events.