

# MoLeaP – The Mobile Learning Project Database



A pool for projects and tool for systematic description and analysis of mobile learning practice

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# Today's agenda



1. **MoLeaP:** What's it all about?
2. **Theoretical framework:** socio-cultural ecology
3. **Cases:** Categories for description and analysis
4. **Short introduction:** MoLeaP website and database

# 1. MoLeaP: What's it all about?



MoLeaP - The mobile learning project database is a public and free-of-charge online database for teachers, researchers and other (education) professionals interested in learning and teaching with mobile media.

The concept behind MoLeaP builds on LMLG's research on mobile learning.

A screenshot of the MoLeaP website. The header is orange with the MoLeaP logo and navigation links like 'login | register', 'contact | support | imprint', and 'english | deutsch'. Below the header is a navigation bar with 'Get involved', 'About MoLeaP', 'Publications', 'Press', a search bar, and a 'my MoLeaP' button. The main content area is divided into several sections: 'Submissions' with a list of categories like 'Type of submission', 'Alphabetical sections', 'Devices', etc.; 'MoLeaP - The mobile learning project database' with a 'Submit your idea' section; 'MoLeaP - What's it all about?' with a description of the database; 'Teachers and innovation' with a section on learning with mobile media; and 'Are you a researcher? Make your projects quotable!'. There is also a 'wle' logo and a 'Recent MoLeaPs' section on the right side.

Source: [www.MoLeap.net](http://www.MoLeap.net)

## The database aims to

- provide opportunities for the systematic gathering of practice,
- distribute knowledge which was gained within such projects in order to make practice less ephemeral,
- enable synergies,
- contribute to sustainability in teaching, learning and research, as well as
- enhance replicability of mobile learning projects.

## 2. Theoretical, conceptual & methodological framework



Theoretical and conceptual framework of mobile learning:

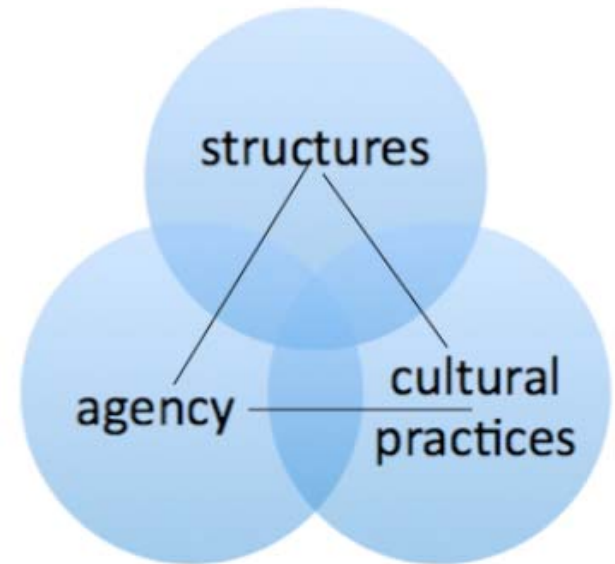
- educational uses of mobile devices,
- viewed in ecological terms,
- as part of cultural and pedagogical contexts in transformation.

The socio-cultural ecology considers different components:

- the learners' **agency**, appropriation and **cultural practices**,
- their everyday lives and school contexts,
- **structures** and cultural resources as potential links
- between different system components.

# Socio-cultural ecology

- **agency:**  
appropriation as internalisation and externalisation in relation to media use and learning habitus; user-generated content and contexts; naïve native expertise; personally defined relevance
- **structures** (social, cultural, technological):  
media complex characterised by individualised risk and media convergence, affordances of devices
- **cultural practices:**  
learning as culturally situated inside and outside of educational institutions; linking learning in informal and formal settings



# 3. Categories for description and analysis



# Project description: Categories

1. General project data
2. Context/ rationale
3. Approaches to teaching and learning
4. Technologies and requirements
5. Project outcomes
6. Lessons learnt/issues emerging
7. Recommendations and future possibilities
8. Replicability and transferability



# Project Analysis: Criteria



A agency, structure, cultural practice

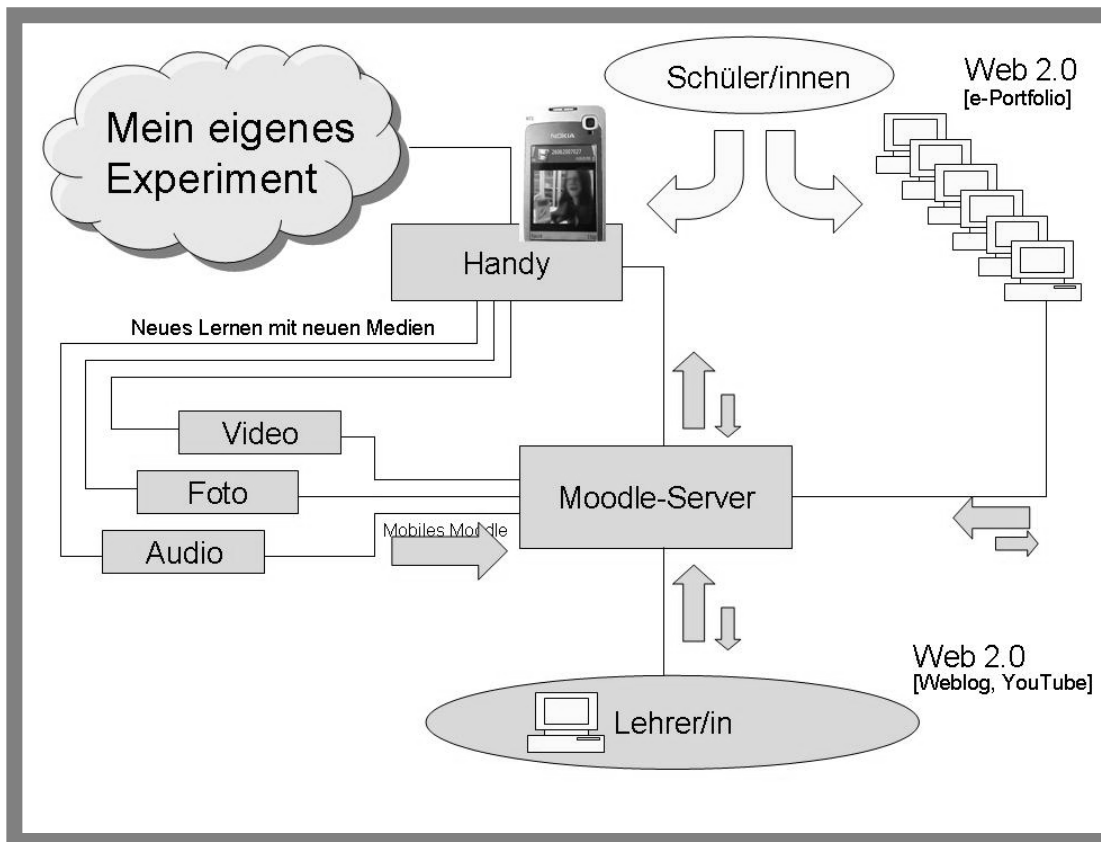
B approaches to teaching and learning

C notions of mobility

D user-generated contents and contexts

E replicability and transferability

## Project “Mobile Classroom Experiment”



Source: <<http://moodle.mobileclassroom.at/moodle18/course/view.php?id=5>>

# 1. General project data

<b>Project Name</b>	Mobile Classroom Schultest (mobile classroom experiment)
<b>URL</b>	<a href="http://moodle.mobileclassroom.at/moodle18/">http://moodle.mobileclassroom.at/moodle18/</a>
<b>Country</b>	Austria
<b>Year</b>	Summer Semester 2007; February 2008
<b>Contact</b>	Eduard Schittelkopf
<b>Types of mobile devices</b>	Mobile phones Nokia N71
<b>Further media</b>	Moodle platform
<b>Number of persons</b>	25 students in 2007; 2008 about 24 students
<b>Duration</b>	2007: 1 semester; 2008: 5 days
<b>Location</b>	School/classroom
<b>Educational establishment</b>	Hauptschule
<b>Phase of education</b>	Year 4 (project stage 1); Year 1 (project stage 2)
<b>Subject domain</b>	Physics
<b>Teaching/learning focus</b>	Assessment; oral reporting and writing skills
<b>Keywords</b>	Physics; assessment; audio-video; archive; sustainability; literacy (talking, writing, picture); connectivity; convergence; sharing

## 2. Context/rationale



- Stage 1:  
evaluation of connectivity and test the upload from mobile phones to a Moodle platform.
- Stage 2:  
exploring new approaches to assessment.

# 3. Approaches to teaching and learning



- observing
- reporting and verbalising
- improving writing skills

# 4. Technologies and requirements

- MLE (“Mobile Learning Engine”)
- Moodle integration solution momo (“mobile Moodle”).
- mobile phones (Nokia N71) equipped with camera and microphone functions and with the MLE software

# 5. Learning outcomes



Source: Schittelkopf 2007 & 2008.

## 6. Lessons learnt/issues emerging

- envisaged aims were met
  - recording experiments,
  - uploading user-generated content to a platform,
  - video recording for purposes of assessment
- to improve:
  - availability of technology
  - high quality cameras and lenses



# 7. Recommendations and future possibilities

- evaluation mechanisms are envisaged, which allow learners to reflect on the learning content by using mobile media
- technological improvements in terms of the quality of cameras and lenses, as well as connectivity options, which allow learners to upload and retrieve information without incurring costs, were needed
- infrastructural support in terms of the availability of devices for learners is needed
- project seems to be a good basis for the connection between e-learning and e-assessment and learning with mobile media.
- sustainability of learning material
- improvement of language skills
- especially for learners, which we describe as “at-risk learners” this might be a good way to gain self-confidence in an exam situation without being exposed to the critique of their classmates

# 4. Short introduction: MoLeaP website & database



login | register contact | support | imprint english | deutsch

Get involved About MoLeaP Publications Press Search my moLAB

### Submissions

cancel search

Choose one or more categories.

- Type of submission
- Alphabetical sections
- Devices
- Coverage of submission
- Educational phase
- Educational establishment
- Subject domain
- Age of participants
- Language of submission

cancel search

## MoLeaP - The mobile learning project database

### Submit your idea

You are a first time user of MoLeaP and would like to submit a project, an application or a resource? Then have a look at the support section to learn more about how to contribute. [read more](#)

### MoLeaP - What's it all about?

MoLeaP - The mobile learning project database is a public and free-of-charge online database for teachers, researchers and other (education) professionals interested in learning and teaching with mobile media. The concept behind MoLeaP builds on LMLG's research on mobile learning. [read more](#)

### Teachers and innovation

Learning with mobile media is ubiquitous, personalised, contextual, immediate, flexible and convergent. The use of mobile devices in schools and in the context of everyday life can contribute to enhancing the learning experience of users and can involve learners who are "at-risk" in school-based learning situations. Search the MoLeaP database for projects and adopt them for your lessons or submit your own resources. [register](#) or [log in](#)

### Are you a researcher? Make your projects quotable!

You carried out a mobile learning project, but there is no publication available yet and thus no source to quote from, and to refer to your project? Then take a few minutes and submit your project to either the project database or refer to it in our resources section. [register](#) or [log in](#)

### Enter our contest

Submit your m-learning project and participate in our contest. The 10 most innovative projects will be awarded with 100 GBP. [read more](#)

## wle

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### Recent MoLeaPs

Project: [Project2](#)

Project: [TinyMCE:Plugins/spellchecker](#)

www.moleap.net

Source: www.MoLeap.net

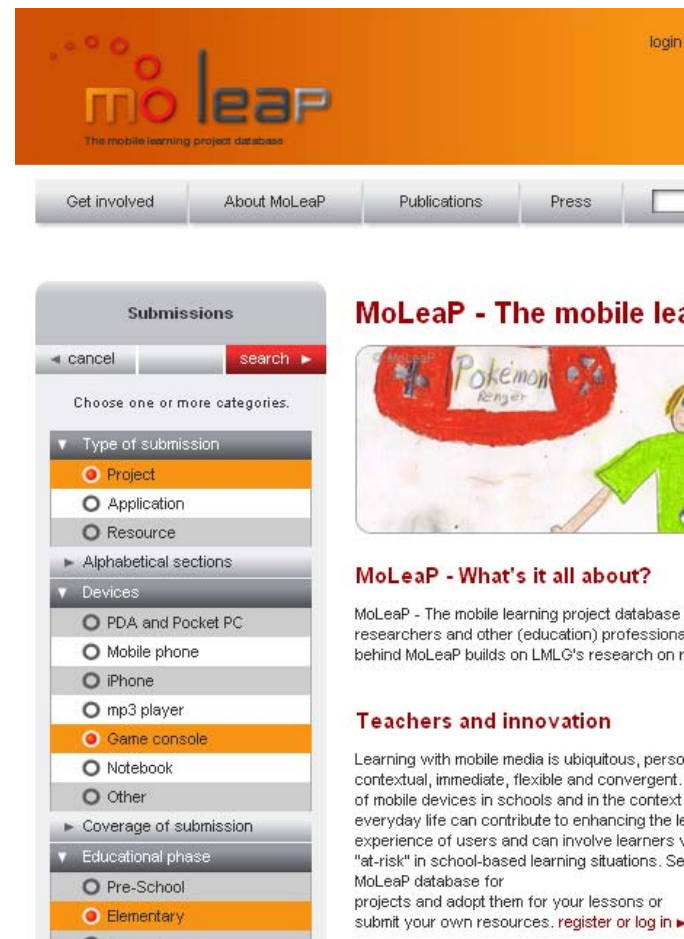
# How to use MoLeaP?



- Use database and website
- Contribute by submitting
  - a project,
  - a mobile application or
  - a resource
- Add crossreferences, analyses or comments to projects

# Search submissions

- Type of submission
- Alphabetical sections
- Devices
- Coverage of submission
- Educational phase
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- Subject domain
- Age of participants
- Language of submission



The screenshot shows the MoLeap website's search interface. At the top, there's a navigation bar with links for 'Get involved', 'About MoLeap', 'Publications', and 'Press'. Below this is a 'Submissions' search form with a 'cancel' button and a 'search' button. The form contains a list of categories with radio buttons for selection. The selected categories are 'Project' under 'Type of submission', 'Game console' under 'Devices', and 'Elementary' under 'Educational phase'. To the right of the search form, there's a section titled 'MoLeap - The mobile learning project database' with a 'login' link. Below this is a featured article titled 'MoLeap - What's it all about?' with a sub-section 'Teachers and innovation'. The article text discusses the ubiquity of mobile media and its application in education, mentioning 'at-risk' situations and the MoLeap database for project adoption.

Source: [www.MoLeap.net](http://www.MoLeap.net)

# Enter submissions

**Submissions**

cancel search

Choose one or more categories.

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cancel search

## Enter a new submission



, start the submission process by choosing a 'Type of submission'. Considering the amount of data and the time which is needed to complete the whole form, please feel free to submit only those data that you consider to be sufficient to describe your project. If you wish to pause your submission and to continue later, just tick the respective box at the bottom of this page and press the 'submit' button. You will be able then to edit your project later via 'my moLAB'.

## Assign your activity

new submission       crossref       supplementary analysis

ID No.:       ID No.:

## General submission data

Type of submission <input type="text" value="Project"/>	Language of description <input type="text" value="English"/>
Title of project/application/resource <input type="text"/>	Partners <input type="text"/>
Owner and copyright holder <input type="text"/>	Project workers <input type="text"/>
Contact <input type="text"/>	Year <input type="text"/>
URL	Country

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## Recent MoLeaPs

Project: [Project2](#)

Project: [TinyMCE:Plugins/spellchecker](#)

Resource: [New resource](#)

## Syndicate!

 RSS-FEED	Submissions
 RSS-FEED	LMLG News
 MoLeaP	Link MoLeaP
 LMLG	Link LMLG
 AddMe	

Source: [www.MoLeap.net](http://www.MoLeap.net)

# Manage your submissions

**Submissions**

cancel search

Choose one or more categories.

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cancel search

## Max Mustermann's moLAB

### Login data

Username: Max Muster  
Password: Max Muster  
E-mail: MaxMuster@d.e

edit your login data

### Personal data

Name: Max Muster  
Affiliation: Tester  
Country: Deutschland

edit your login data

- Add new submission
- Contact reviewer
- Seek support

Search for submission ID

### Enter our contest

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### Your personal data on MoLeaP

From here, you can:

- enter a new submission,
- track the status of your submissions and
- make changes to your personal data.

In addition, you are able to add:

- cross-references between your submissions and submissions which were done by others in order to make specific relations between submissions available to other users,
- an analysis to projects in order to provide further theoretical dimensions and
- cross-references between projects/applications/resources and literature in order to provide complementary research and theory.

### Your submissions

Add new submission

Submission name	Review status		
 Musterprojekt	public	 display	 edit submission data 



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### Recent MoLeaPs

- Project: Project2
- Project: TinyMCE:Plugins/spellchecker
- Resource: New resource

### Syndicate!

-  RSS-FEED Submissions
-  RSS-FEED LMLG News
-  MoLeaP Link MoLeaP

Source: [www.MoLeap.net](http://www.MoLeap.net)

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