

SESAM - Server for Media Use in Schools

Dr. Peter Jaklin

Landesmedienzentrum Baden-Württemberg

jaklin@lmz-bw.de

www.lmz-bw.de

Key areas of the LMZ

- **Technical Support**
- **Media Distribution**
- **Pedagogical Innovation**
- **Photographic Archive**

Basis and Goal

Basis:

Educational media access bill.

Goal:

Provide schools with state-of-the-art online access to culturally significant media = educational portal.

Goals (1)

- **To make different media available for project-specific work or for broadly themed curriculum.**
- **To enhance teaching models by working with a media link in a computer room or a „media corner“.**
- **To execute computer aided teaching concepts.**
- **To develop „open“ lesson models, i.e work at the computer station.**
- **To build an information and communication network to support inter-school communication i.e. Use of publishing tools to work on group projects („Online-Newspaper“).**

Goals (2)

- **To use different presentation tools (i.e. Movies as a module, films in different formats).**
 - **To enable project focused teaching using the online offering.**
 - **To train and support teachers (e.g. Designing effective secondary training materials).**
 - **To provide efficient media management.**
 - **To provide ease in investigation of research methodology.**
 - **To design collaboratively with teachers, media packets to support lesson plans.**
 - **To provide content for use in schools in a cooperative arrangement with media sources.**
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Plattform

- <http://sesam.lmz-bw.de>
- Publishing tool

Participants

Sponsors

- Hewlett Packard (superior hardware supply and support).
- FWU, SWR, Matthias-Film [digital films (licensing issues)].
- ...

Schools

- A variety of schools with appropriate technical equipment.
- Teachers interested in using the materials for project-specific work or for broadly themed curriculum.

Media Centres – Both Regional and Municipal

Colleges/Universities

- PH Karlsruhe
- Universität Karlsruhe.

Offer (1)

Technology

- **DSL-connection is mandatory (LMZ will support this effort)**
- **Sufficient server capacity.**

Content (available from LMZ)

- **appx. 100 digitized films in various formats.**
- **Complementing media („new“ and „old“).**
- **Media packets desired by schools.**

Offer (2)

Methodology

- **New media - new methodology for teaching.**
- **Methodology: Training the teachers to use media packages in school (face-to-face instruction or problem oriented approaches).**
- **Inclusion of pupils in work (project work).**

Evaluation

- **Continually during the entire project duration (participation of students).**

Advantages (1)

- **Media is available all the time.**
- **The teachers can order media packages which can be focused on the lesson plan for project-specific work or for broadly themed curriculum.**
- **Individualized, self-directed study is highly supported.**
- **Modern distribution and operational processes are used to manage the latest state-of-the art materials. Schools benefit.**

Advantages (2)

- **Due to ease of access, time and money will be saved. At the same time, media will be used more intensively (cost savings for the school governing body)**
- **Single point of information.**
- **Schools and teachers exchange information quickly, work comfortably on projects.**
- **Schools have the opportunity to influence both the content and the method by which they receive the media.**

Requirements for Teachers

- **An open mind relative to the use of new media and the related new teaching and learning methods.**
- **An open mind relative to collaboration (e.g. Passing on information, materials, evaluation, working with students).**
- **Support further development.**

Summary (1)

Project Design for Efficient Development

- Use of media packages, media pools in various school types.
- Use of varying teaching methods.
- Inclusion of regional and municipal media centres.

Summary (2)

- **Cost calculation and allocation for digitized media.**
- **Technical requirement for schools and LMZ.**
- **Development of new modules and methods, e.g. e-learning, Lokando...**
- **Project continuity.**
- ...