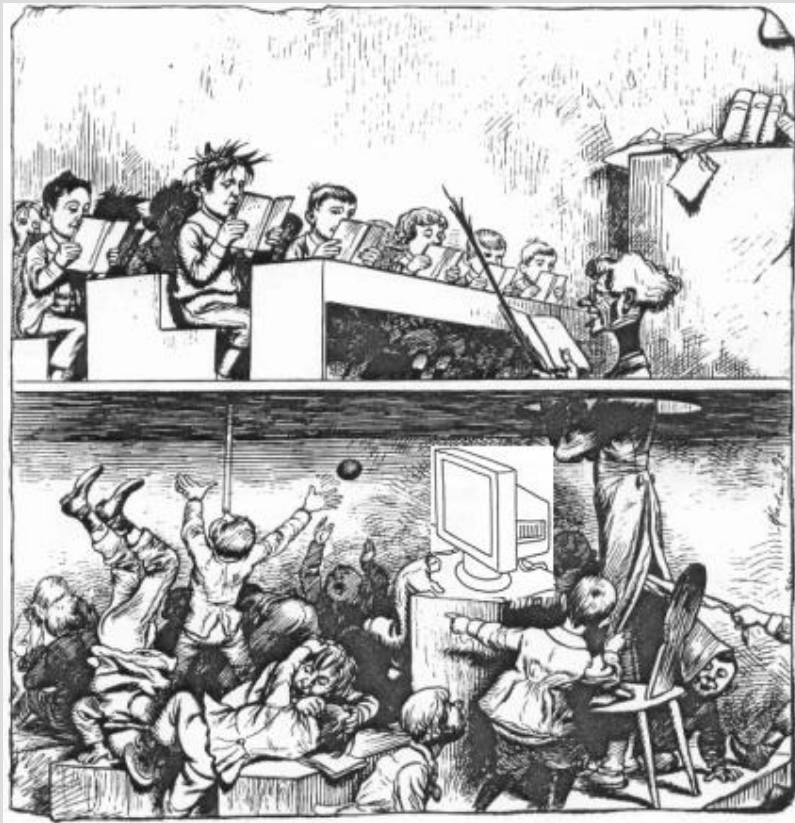


COMPUTERS?



Not reliable!

**Sometimes I 'd like
to throw them out
of the
“WINDOWS”!**

HERODOT

Thematic Network for Geography Teaching and Training



Computer Assisted Teaching and Learning Survey - First Results

by Harry Rogge (NL) and Gregor C. Falk (GER)



Response

- Between April 25 and May 17
26 on-line responses
3 responses in Word
- From 14 different countries

Teaching GIS, Cart., R.S.?



- **YES** **15**

- **NO** **12**

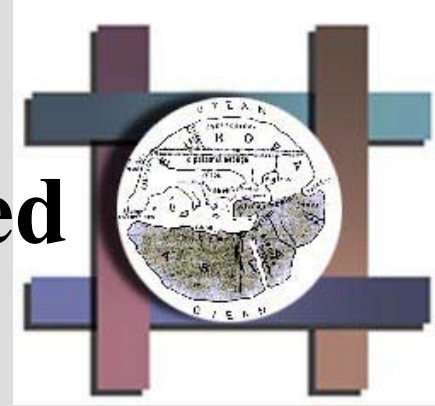
Using VLE for Geography?



- **YES** **15**

- **NO** **12**

In what way are computers involved in teaching at your institute?



- ... as a central learning tool
- ... as a central teaching tool
- ... as an information source
- ... for GIS applications
- ... as a means for communication
- ... for presentations

most frequently mentioned applications:

1. Presentations
2. GIS
3. Communication

Examples of good practice



- creation of self-supporting virtual learning environments for students
- e-learning courses and learning modules
- accessibility of materials for students

possible platforms: department homepage, EUROGEO
electronic textbooks on CD (interactive tools)

additional survey outcome:

various links of individual projects

(commented and presented on Herodot Webpage)



Encountered Barriers

- equipment of classroom
- setting up courses (time, money)
- technology is not straightforward
- change mentality of learners and teachers
- missing knowledge of foreign languages
- missing learning materials (quality & costs)

most frequently mentioned hurdles: (preparation) time & costs

Benefits



- courses become challenging
- accessibility of information
- exciting learning environments
- rapid data processing
- release from cognitive load
- great tools for visualisation of geographical data
- high interactivity

all in all computers can make things easier and more productive
but they can be time-waste machines as well,
field-work must not be forgotten!



Policies/Strategies

- At your faculty to promote usage of computers ?
in teaching and learning

NO **14** **YES** **13**

in research

NO **13** **YES** **14**

USAGE



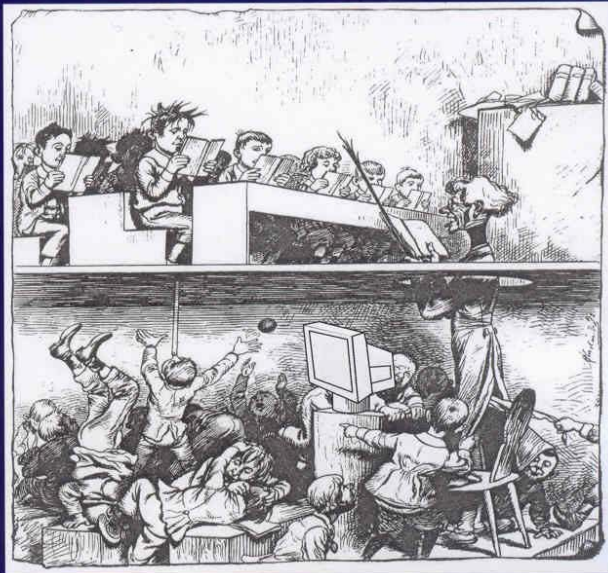
- Do you expect students, lecturers, professors, teachers to use computers in teaching geography?

YES!

Gregor C. Falk

Didaktik des computerunterstützten Lehrens und Lernens

Illustriert an Beispielen
aus der geographieunterrichtlichen Praxis



For further reading



Mensch & Buch Verlag

THANK YOU!

- **Gregor C. Falk**
Von Humboldt
University –Berlin
- **Harry Rogge**
Royal Dutch
Geographical
Society





Discussion

- Comments on first results?
- How to extend database?
- How to use the database in a proper way?
- Suggestions for further projects?
- Recommendations?
- Questions?

