

Swedish from day one - are there any convenient "all inclusive" systems? Fourth Generation flexible learning

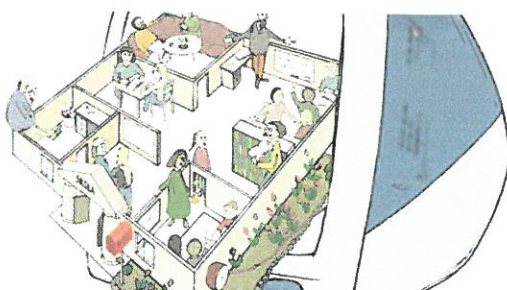
Lecture given at REK's knowledge seminar

Stockholm 2016-09-02

Fourth Generation flexible learning

- Content, pace and degree of difficulty individualized
- Multitude of knowledge sources and support
- Both explicit and silent knowledge in network
- Support individual learning as well as learning in groups
- Learning networks

The school is in the computer and in the phone



Background considerations 1

- Computers better able to interpret "understanding" the speech and to instruct and register
- Voice control and communication with participants, literate and non literate
- Package of collaborative software that solves most tasks associated with learning.
- Designing a system that works for individual learning group / class (physical or virtual)

Considerations 2

- Manning, in addition to participating students, there are teachers, coaches, people who can support illiterate people using their own language and at least one of Swedish and English languages well enough.
- Learn of the solutions started to appear in nurseries, but also in adult education in Sweden, Germany and other countries.

Classification of competence

- Method to classify the participant's ability to learn, group them and put them at the right level of ambition.
- Literacy, development and knowledge
- Language skills, only their own language, which? Or languages, which ones?
- Study experience, knowledge and motivation
- Familiarity with, and access to computers, smartphones and the Internet

The new flexible classroom

Synchronous	Asynchronous
Same time - different place phone or video meeting, chats, Skype, etc	Different time - different place The virtual classroom Snail mail e-mail (use sparingly) collaboration system
Same time - same place traditional classroom "Students" and "teachers" in the same room, F2F Learning at work	Different time - different place shift work, improved use of premises, billboards, email and collaboration systems

Pedagogic 1

- From self-study, with some support from other sympathetic students who are at the same level or even the support of teachers and "interpreter".
- System that determines the level of knowledge
- Progress is measured by computer and / electricity teacher
- For the safest arrangement that group of max 40 people is followed in the studies - an (electronic) class room.
- Homogeneous groups - fast group

Pedagogic 2

- Progress is measured by computer and / or teacher
- Problem-oriented learning proven effective
- Obviously, the opportunity to study with short video sequences utilized.
- For example, the age and medical reasons can greatly affect education, technology and grouping.

"Total system" 1

- Collaborative Systems - easily create virtual classrooms, study rooms, seminar rooms, staff rooms, interest-groups, exchanges, etc. For example, FC16.
- Administrative systems, student management, registering participants and their results, LMS mm.
- Machine Translation, for example, Google Translate or combination with other translation software that handles writing and / or speech, from the student's language
- Tower of Babel methodology for translation through cooperation

A "Total System" 2

- System, like the Rosetta Stone that teaches the language to all from the illiterate to the study experienced and motivated
- Systems that help course leaders, teachers, coaches with important information to the right audience, via push notifications and SMS to people with smartphone and / or computer feedback as InfoPing.

Who should finance an integration project?

- REK is interested to cooperate with adult education, municipalities and training providers to design and integrate a "total system" that supports most learning based on our combined rich experience in flexible learning.
- The first true Fourth Generation Flexible learning system.
- Questions? Who would like to participate?