



humap
Better together.

ICT and teacher's role - how the teacher's work change Ilkka Mäkitalo, CEO

TOPICS



- ü AI = Appreciative inquiry as main approach to teacher development
- ü Pupils have a lot of competencies and skills: how to let them utilize their skills.
- ü Technology as an enabler: leaving the technology behind and taking it really as a tool to do creative things.
- ü Skills needed in work life: how to learn them
- ü Personal benefits for teacher: how technology can help me and let me enjoy my work
- ü Being enthusiastic: most important part of teachers work

MY STORY



- ü Musician and primary school teacher
- ü Started as teacher at 16 years old (clarinet)
- ü Have been teaching in all school levels from primary school to high school, vocational school, university of applied sciences and universities, art schools etc.
- ü 7 years as a full time teacher at primary school
- ü Teacher trainer in further educational insitutes
- ü Enthusiastic about technology since own high school time in early 80's. First serious thing in university (research work) and music (home studio in 80's)

MY STORY AT SCHOOL



- ü Willing to do new and creative things
- ü Participated in building the first computer class and first laptop in early 90's
- ü Willing to help other teachers also - to support development at school level
- ü Curious to find suitable tool to enable new ways for learning
- ü Strong participation in school-based curriculum development
- ü Freedom to do things in a new way

MY SCHOOL



- ü Jyskä Primary school
- ü Part of national Aqarium School network: freedom to develop new practices
- ü Strong support from the principal
- ü Possibilities to participate in training, seminars, network meetings

EMPOWERMENT



PRACTICAL STORIES: WRITING SKILLS



- ü **Word processing tools: making magazines at class and school level (print): learning**
 - ü writing skills,
 - ü graphical design (lay-out planning)
 - ü word processing tool (while doing)
 - ü language skills
 - ü planning
 - ü making structures (wholeness)
 - ü Project management skills
 - ü communication skills (inside group)
 - ü journalistic skills
 - ü Self-evaluation

**CURRICULUM
&
EVALUATION**

PRACTICAL STORIES: TEAM WORK



- ü **Word processing tool, presentation tools: co-operational learning, problem based learning, project based learning, group investigation: learning**
 - ü Team work
 - ü Learning skills (learn to learn)
 - ü Self-management and time management
 - ü Hypertextual thinking (how issues link to each other)
 - ü Information searching skills
 - ü Using library and encyclopaedias
 - ü Reporting
 - ü Being proud of own work and results
 - ü Presentation skills

**TEAM WORK
&
PROJECT SKILLS**

PRACTICAL STORIES: VIDEO



- Ü **Video, video editing: school news, movies, ...: learning**
- Ü Writing manuscripts
- Ü Creating stories
- Ü Using video cams, editing tools
- Ü Audio, lightening, ...
- Ü Actor skills
- Ü How to make impact (environmental movie)
- Ü Marketing (public event for the movie)
- Ü Pr skills (media, local authorities)

MEDIA SKILLS

PRACTICAL STORIES: MUSIC



ü Music: Sequencer, accompaniment software:

- ü Sounds like a real band, sounding professional
- ü “hearing the theory”
- ü Learning different music styles (Let’s make this bossanova...)
- ü Motivation to learn school instruments like recorder (flute)
- ü Composing, making own songs
- ü Creating a musical
- ü Motivation to utilize the possibilities during the breaks and willing to work after school (making it possible > building trust and responsibility)

**ENJOYING
THE
PROFESSIONAL
FEELING**

QUESTIONS: GROUP DISCUSSION



- ü Would you like to hear more?
- ü What makes you curious?
- ü Share your stories (own stories, stories heard)

QUESTIONS: GROUP DISCUSSION



- ü How to find the possibilities beyond the content of the curriculum?
- ü How to help teachers to be creative and feel free to do things in a new way?