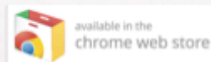


# Fun Learning and effective teaching methods

"I love Math! It's fun."

Our  
aim



# Joy of Learning



- ◆ Positive emotional states
- ◆ Curiosity and open mind to new things
- ◆ Doing and working are rewarding
- ◆ Eager to take risks

# Effort and involvement

- ◆ Hard work
- ◆ Enthusiasm
- ◆ Overcoming difficulties
- ◆ Seeking new solutions





# Joy and Effort = Engagement





# Joy and Effort Learning together





# A NEW CORE CURRICULUM 2014, LOCAL 2016

- The student is active

- who learns how to set goals and solve problems both independently and with others
- The student learn to reflect on the learning processes, experiences and emotions and at the same time develops new knowledge and skills.
- Learning is an integral part of an individual's comprehensive life-long growth as a person and the building of a good life.





# A NEW CORE CURRICULUM 2014

- Students are guided and encouraged for independent and critical search and use of information.
- capable to create new knowledge alone and together with others, using information and communication technologies effectively**



# A new Curriculum process of the basic education .

The student is an active player (agent) who learns how to set goals and solve problems both independently and with others.

In addition to learning, the student learns to reflect on the learning processes, experiences and emotions and at the same time develops new knowledge and skills.

Learning is life-long growth as a person and the building of a good life.

(FNBE, 2013)



# Educational ecosystem

Interconnection between different levels of the system

## Working together

Teachers, students, parents, researchers, companies

## Connecting formal and informal settings:

- Libraries, museums
- Forests/natural environment
- Neighborhood with local places (kindergartens, elderly homes)
- Hobbies, sport, music etc.



Finnish Innovations and Technologies in Schools

## Finnish Innovations and Technologies in Schools

### A Guide towards New Ecosystems of Learning

Hannele Niemi, Jari Multisilta, Lasse Lipponen and Marianna Vivitsou (Eds.)



Hannele Niemi, Jari Multisilta, Lasse Lipponen and Marianna Vivitsou



# What makes Finnish teachers different?

- ◆ All have MA degree
- ◆ No national high-stake testing
- ◆ No inspectorate
- ◆ All belong to Teacher Union
- ◆ Not high salary – moderate level
- ◆ Commitment to their profession





## WIDE PROFESSIONAL ROLE

– aims of the Finnish TE

- Local responsibility for quality:  
Every school must be a good school
  - Local curriculum
  - Teachers' important role
- Supporting every students' learning and learning skills
- In collaboration with parents, multi-professional groups, and social and health care providers.

# Teachers' freedom

- 💧 Schools and teachers have freedom how they assess students learning and schools effectiveness
- 💧 For basic education national sample based assessments of learning outcomes (National Board of Education, since 2014 The National Center for Evaluation in Education)

Leena Saari -09



# Teachers' role in changing learning environments

- ◆ An expert in teaching and learning
  - ◆ Facilitator
  - ◆ Coach
  - ◆ Mentor
- ◆ Working for networking
- ◆ Connecting informal and formal learning
  - ◆ Supporting different learners
- ◆ Providing encouragement and emotional support

Teachers' professional work

**AUTONOMY**

**RESPONSIBILITY**

**FINNISH TEACHER  
EDUCATION**

**REFLECTION**

# Teachers' professional work





# Teachers' professional work

**AUTONOMY**

**RESPONSIBILITY**

**Knowledge**

**Society**

**Human  
beings**

**REFLECTION**

