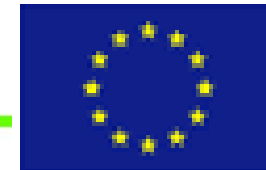


# SUGGESTIONS FOR NEW ENHANCED TECHNOLOGY EDUCATION CURRICULUM



**Aki Rasinen (WP3)**  
**University of Jyväskylä**  
**Department of Teacher Education**



# Suggestions for new enhanced curriculum

## (Organisational aspects)

Technology should be...

1. studied at all educational stages
2. a compulsory subject
3. taught to both sexes in mixed groups
  - to establish a subject discipline of it's own or
  - to develop craft education towards modern technology or
  - to integrate different subjects from this point of view

# Suggestions for new enhanced curriculum

## (learning arrangements)

4. the curriculum should be more precise

- standards for each learning stage

5. pedagogical aspects should be developed towards gender sensitive direction

- cognitive assignments, from “simple” to “complex”, planning/designing, pupils own ideas, cooperative learning, ethics of technology, “spiral” model

6. pupils should be encouraged for creativity, problem solving, inventing, making, constructing

# Suggestions for new enhanced curriculum

7. ethics of technology – sustainable future
8. information campaigns
  - decision makers, parents, teachers, teacher educators
9. better facilities for studying technology
  - laboratories, workshops, tools & equipment, computers, various materials
10. stronger cooperation with outside society
  - enterprises, museums, factories