

Respondents who did not choose the above response can end the QUESTIONNAIRE now. Thank you and please do not forget to send this back!

I. About your School (continued)

8. Does your school have a teacher(s) who specializes in ICT education? [check]: () Yes () No

If Yes, how many? [fill in]: _____

9. Are the teachers given opportunities to learn to integrate computers into their classroom practice?

[check]: () Yes () No

10. Alternatively, is ICT education at your school implemented at the discretion of the teachers?

[check]: () Yes () No

11. Has your school introduced a remote education system via WWW (e-learning)?

[check]: () Yes () No

12. Has your school introduced Computer Assisted Instruction (CAI)?

[check]: () Yes () No

If Yes, how do you get the software?

[check]: () Purchased market product () Created by a teacher

Other [fill in]: _____

13. Which grades of students use computers in the classroom?

[parenthesize]: K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 12<,

II. Definition of ICT Education

1. What are the skills or topics that you teach to children in their first year of ICT education?

[check (multiple choice)]:

- | | | |
|---|------------------------------|--------------------------------------|
| () keyboard operation | () mouse operation | () word processing (ex. MSWord) |
| () e-mail exchange | () Web surfing | () data retrieval |
| () drawing | () spreadsheets (ex. Excel) | () setting up sites |
| () programming | () algorithms | () database (ex. Excel, File maker) |
| () making presentation materials (ex. Power Point) | | |

Other [fill in]: _____

2. What do children learn as required subjects by the time they graduate from your school?

[check (multiple choice)]:

- | | | |
|---|------------------------------|--------------------------------------|
| () keyboard operation | () mouse operation | () word processing (ex. MSWord) |
| () e-mail exchange | () Web surfing | () data retrieval |
| () drawing | () spreadsheets (ex. Excel) | () setting up sites |
| () programming | () algorithms | () database (ex. Excel, File maker) |
| () making presentation materials (ex. Power Point) | | |

() There are no defined specific skills or topics to be acquired by children.

Other [fill in]: _____

3. What subjects are offered at your school as electives/options? [check (multiple choice)]:

- | | | |
|---|------------------------------|--------------------------------------|
| () keyboard operation | () mouse operation | () word processing (ex. MSWord) |
| () e-mail exchange | () Web surfing | () data retrieval |
| () drawing | () spreadsheets (ex. Excel) | () setting up sites |
| () programming | () algorithms | () database (ex. Excel, File maker) |
| () making presentation materials (ex. Power Point) | | |

Other [fill in]: _____

4. If any courses of your ICT education are implemented based on a standardized syllabus, please name the course and who prepares the syllabus (ex. a course teacher, team of teachers of the subject, academic institution such as a university, board of education, national government, etc.)

*course _____ () required () optional
syllabus prepared by _____

*course _____ () required () optional
syllabus prepared by _____

*course _____ () required () optional
syllabus prepared by _____

*course _____ () required () optional
syllabus prepared by _____

5. If your school has a definition of ICT education, please tell us.

III. Existence of National Project Implemented by the Government

1. Does your national government specify an ICT education policy/guideline? [check]: () Yes () No

2. Does your government guarantee standardized ICT education nationwide? [check]: () Yes () No

3. Is the above-mentioned policy relevant to the ICT education at your school? [check]: () Yes () No

4. Does the government grant an extra budget for the ICT education at your school?

[check]: () Yes () No

If Yes, what is the budget allocated for? [check (multiple choice)]:

- () Classroom infrastructure including the purchase of hardware and software
- () Supplement for running/working expenses
- () Human resources including hiring and training teachers

Other [fill in]: _____

5. When did your school start ICT education?

6. If there are any events or anecdotes that triggered ICT education at your school, please describe.

IV. Existence of Gender Difference

1. Please think of the students who took ICT education courses most at your school this year. How long did they learn? One period should be 45 to 60 minutes.

[fill in]: _____periods per week, _____periods per year

2. Do you perceive a significant difference between the ratio of boys and girls who chose ICT courses? [check]:

() More boys than girls () No difference between boys and girls () More girls than boys

* Please indicate any possible reasons for those differences.

3. What is the approximate ratio of boys and girls who took ICT education courses?

[parenthesize]: Boys : Girls 9:1 / 8:2 / 7:3 / 6:4 / 5:5 / 4:6 / 3:7 / 2:8 / 1:9 / Other__:

4. Do you perceive any differences in attitude between boys and girls toward ICT education?

[check]: () Yes () No

If you do, please specify.

V. Overcoming the Digital Divide

1. A Japanese scholar reports in his book that household use of computers accounts for 52% of Swedish families (1998), 51% of their American counterparts (2000) and 21% of Japanese families. What percentage of your students' families do you think use computers at home?

[check]: () <10% () ca. 20% () 30-50% () 50-70% () 70%<

2. People say that information gap exists between those who use ICT and those who don't and that an inequality results, namely the 'digital divide.' Do you perceive such a gap around you?

[check]: () Yes () No

If Yes, when did you perceive it? Please describe.

3. Do you think the ICT education at school helps to overcome the digital divide? [check]: () Yes () No

If No, please tell us why.

VI. Expectations and Concerns about ICT Education

1. What expectations do you have toward ICT education? [check (multiple choice)]:

- () To help children to pursue their future career
- () To increase children's social interest
- () To enhance children's knowledge
- () To enhance students with their communication ability
- () To help children to survive in modern society
- () To nurture children's attitude and their power to think
- () To help them better understand truth, good, and beauty

Other [fill in]: _____

2. Do you have any concerns about ICT education? [check]: () Yes () No

If Yes, please describe.

This is the end of the QUESTIONNAIRE. Thank you very much for your generous cooperation. Please send this back to the sender.