

ANNEX 3: THREE SURVEY QUESTIONNAIRES

Thank you for agreeing to participate in the *Survey of schools: ICT and education*, funded by the European Commission and organised in 31 countries (the 27 European Union member states, Croatia, Iceland, Norway and Turkey). The survey focuses on access to and use of information and communication technologies (ICT) in teaching and learning, as well as on attitudes towards the use of ICT in teaching and learning and impact.

This questionnaire is addressed to school heads and seeks information about school population, location and ICT infrastructure, support for teachers using ICT, obstacles to the use of ICT, school ICT strategy for teaching and learning, your views on ICT, school autonomy in ICT and pedagogical matters, and some background information about you.

It should take no more than 15 minutes to complete the questionnaire – most questions can be answered simply by clicking boxes. A few questions nevertheless ask for numbers of students and teachers, as well as about ICT infrastructure (numbers of desktop computers, laptops, interactive whiteboards, etc.) and some basic technical information (connectivity, etc.). Before starting to answer the questionnaire online, we invite you therefore to look at questions **1 to 5, 7 to 13 and 15** to firstly collect data in advance, possibly with help from the relevant person responsible for ICT.

All responses are anonymised and treated in the strictest confidence; no individual or school will be identifiable in the published reports.

Thank you very much for your time and effort in responding to this questionnaire.

🏠 School population

• Student enrolment by gender and level of education

1. What is the total number of students this school year (2011-2012) in your school, by education level and gender?

Fill in each row only using numbers under 'boys' and 'girls' columns; put 0 if there are none at a particular level.

	Boys	Girls
Number of students at <<ISCED 1 level>>
Number of students at <<ISCED 2 level>>
Number of students at <<ISCED 3 level academic>>
Number of students at <<ISCED 3 level vocational)>>:

• Students' socio-economic background

2. As a percentage, how many students in your school come from deprived homes?

Tick one box only

0 to 10%

11 to 25%

- 26 to 50%
- More than 50%

• **% of immigrant students**

3. As a percentage, how many students use a different language at home from that used in lessons?

Tick one box only

- 0 to 10%
- 11 to 25%
- 26 to 50%
- More than 50%

• **Number of teachers**

4. How many teachers does your school have this 2011-2012 school year (full time equivalent/FTE) all education levels together?

Fill in only using numbers:

Total number of FTE teachers in the school this school year 2011-2012:

5. How many full-time equivalent teachers are teaching at each of the following levels in your school, this school year (2011-12)?

Fill in each row of first column only using numbers; simply tick boxes under the last column when applicable

	<i>Number of teachers(FTE)</i>	<i>This education level is not offered in our school</i>
<i>Number of students at <<ISCED 1 level>></i>	<i>.....</i>	<input type="radio"/>
<i>Number of students at <<ISCED 2 level>></i>	<i>.....</i>	<input type="radio"/>
<i>Number of students at <<ISCED 3 level academic>></i>	<i>.....</i>	<input type="radio"/>
<i>Number of students at <<ISCED 3 level vocational)>>:</i>	<i>.....</i>	<input type="radio"/>

🏠 School location

• **Type of area**

6. Which of the following definitions best describes the community in which your school is located?

Tick one box only

- A village, hamlet or rural area (fewer than 3 000 people)
- A small town (3 000 to about 15 000 people)
- A town (15 000 to about 100.000 people)
- A city (100 000 to about 1 000 000 people)
- A large city (over 1 000 000 people)

🏠 School ICT infrastructure

• **Equipment**

7. In your school this school year (2011-2012), how many of the devices below are used for educational purposes (if possible state numbers by education level, otherwise for all levels together)?

➤ *By level of education - fill in each row only using numbers:*

	<i>At ISCED 1 level</i>	<i>At ISCED 2 level</i>	<i>At ISCED 3 academic level</i>	<i>At ISCED 3 vocational level</i>
Desktop computer <u>without</u> internet access
Desktop computer <u>with</u> internet access
<u>Non-internet-connected</u> laptop, tablet PC, netbook or mini notebook
<u>Internet-connected</u> laptop, tablet PC, netbook or mini notebook
Digital reader (portable device to read books, newspapers, etc. on screen)
Mobile phone provided by the school
Interactive whiteboard
Digital camera
Data projector

➤ *Otherwise for all levels together - fill in each row only using numbers*

Desktop computer <u>without</u> internet access
Desktop computer <u>with</u> internet access
<u>Non-internet-connected</u> laptop, tablet PC, netbook or mini notebook
<u>Internet-connected</u> laptop, tablet PC, netbook or mini notebook computer
Digital reader (portable device to read Books, newspapers, etc. on screen)
Mobile phone provided by the school
Interactive whiteboard
Digital camera
Data projector

• **Equipment in use**

8. Approximately, what proportion of this equipment (computers, interactive white boards, laptops, data projectors) is fully operational this school year?

Tick one box only

- Less than 50%
- 50 to 75%
- 76 to 90%
- More than 90%

• **Deployment**

9. How many desktop computers are installed for educational purposes for pupils to use either alone or with a teacher in the following places?

Fill in each row only using numbers (where there is no computer for educational purpose, just put '0')

In computer laboratories:.....

In classrooms:.....

In the school library:.....

In other locations that are accessible to students in the school:.....

10. How many interactive whiteboards (IWB) are installed in your school this school year in the following places?

Fill in each row only using numbers (where there is no IWB for educational purposes, just put '0')

In computer laboratories:.....

In classrooms:.....

In the school library:.....

In other locations that are accessible to pupils in the school:.....

Independently of any location because portable

• **Connectivity**

11. Which broadband speed best describes that which your school receives from the telecom provider?

Tick one box only

- 144kbps (excl.) – 2mbps (incl.)
- 2mbps (excl.) – 5mbps (incl.)
- 5mbps (excl.) – 10mbps (incl.)
- 10mbps (excl.) – 30mbps (incl.)
- 30mbps (excl.) – 100mbps (incl.)
- >100mbps
- None of these; my school is not connected via broadband

• **Access technology**

12. By which of the following means does your school mainly have access to the Internet?

Tick one box only

- ADSL
- Cable
- Fibre optic
- Wireless LAN
- Satellite

• **Maintenance**

13. Who maintains the ICT equipment in your school?

Tick one box for each row

- | | Yes | No |
|---|-----------------------|-----------------------|
| The school's own staff | <input type="radio"/> | <input type="radio"/> |
| An external company contracted by the school | <input type="radio"/> | <input type="radio"/> |
| An external unit arranged by educational authorities (at local, regional level, etc.) | <input type="radio"/> | <input type="radio"/> |
| Other | <input type="radio"/> | <input type="radio"/> |

• **Connectedness**

14. This school year (2011-2012), does your school have any of the following?

Tick one box for each row

- | | Yes | No |
|--|-----------------------|-----------------------|
| Its own homepage or website, publicly accessible | <input type="radio"/> | <input type="radio"/> |
| School email addresses for more than 50% of teachers | <input type="radio"/> | <input type="radio"/> |
| School email addresses for more than 50% of students | <input type="radio"/> | <input type="radio"/> |

- A LAN (local area network)
- If yes, is this LAN also wireless (wifi)?
- A virtual learning environment (i.e. platform or knowledge management system, etc. possibly hosted externally)
- If yes: Can it be accessed from outside the school
- by the students?
 - by the teachers?
 - by the parents?
 - outside school hours?

If your school has none of these items, please tick this box

🏠 Support to teachers using ICT

• Professional development

15. In the past two school years (2009-11), what percentage of your teachers have undertaken professional development in the following?

Tick one box for each row

	None	25% or fewer	26-50%	more than 50%
Introductory courses on internet use and general applications (basic word-processing, spreadsheets, presentations, databases, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advanced courses on applications (advanced word-processing, complex relational databases, Virtual Learning Environment etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advanced courses on internet use (creating websites/home page, video conferencing, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Equipment-specific training (interactive whiteboard, laptop, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Courses on the pedagogical use of ICT in teaching and learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subject-specific training on learning applications (tutorials, simulations, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Course on multimedia (using digital video, audio equipment, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participation in peer learning communities or group work with other teachers about the use of ICT for learning and teaching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other professional development opportunities related to ICT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

• ICT coordinator

16. Does your school have an ICT coordinator?

Tick one box only

	Yes	No
My school has an ICT coordinator	<input type="radio"/>	<input type="radio"/>

If yes:

Is this ICT coordinator:

Tick one box only for each row

Available full time?	<input type="radio"/>	<input type="radio"/>
Rewarded for such a function concretely (e.g. increase in salary, reduction of workload, prizes, etc.)?	<input type="radio"/>	<input type="radio"/>
Responsible for providing support in <u>pedagogical</u> ICT use?	<input type="radio"/>	<input type="radio"/>

🏠 Obstacles to use ICT in teaching and learning

• Shortage/inadequacy

17. Is your school capacity to provide ICT teaching and learning affected by a shortage or inadequacy in the following areas?

Tick one box for each row

	<i>A lot</i>	<i>some</i>	<i>a little</i>	<i>not at all</i>
Insufficient number of computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient number of Internet- connected computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient Internet bandwidth or speed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient number of interactive whiteboards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient number of laptops/notebooks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School computers out of date and/or needing repair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of adequate skills of teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient technical support for teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient pedagogical support for teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of adequate content/material for teaching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of content in national language	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Too difficult to integrate ICT use into the curriculum	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Lack of pedagogical models on how to use ICT for learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School time organisation (fixed lessons time, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School space organisation (classroom size and furniture, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pressure to prepare students for exams and tests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most parents not in favour of the use of ICT at school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most teachers not in favour of the use of ICT at school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No or unclear benefit to use ICT for teaching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using ICT in teaching and learning not being a goal in our school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

🏠 School strategy to use ICT in teaching and learning

• Existing strategies

18. Does your school have the following?

Tick one box for each row

	Yes	No
Its own written statement about the use of ICT	<input type="radio"/>	<input type="radio"/>
Its own written statement specifically about the use of ICT <u>for pedagogical purposes</u>	<input type="radio"/>	<input type="radio"/>
A policy and actions to use ICT for teaching and learning in specific subjects	<input type="radio"/>	<input type="radio"/>
Regular discussions with teaching staff about ICT use for pedagogical purposes	<input type="radio"/>	<input type="radio"/>
A specific policy or programme to prepare students for responsible internet behaviour	<input type="radio"/>	<input type="radio"/>
A specific policy about using social networks (Facebook, etc.) in teaching and learning	<input type="radio"/>	<input type="radio"/>
A specific policy to promoting cooperation and collaboration among teachers	<input type="radio"/>	<input type="radio"/>
Scheduled time for teachers to meet to share, evaluate or develop instructional materials and approaches	<input type="radio"/>	<input type="radio"/>

• Incentives

19. Does your school reward teachers for using ICT in teaching and learning (whether or not related to 'good teaching' awards)?

Tick one box for each row

	Yes	No
Financial incentives (bonus, increase in salary)	<input type="radio"/>	<input type="radio"/>
Reduced number of teaching hours	<input type="radio"/>	<input type="radio"/>
Competitions and prizes	<input type="radio"/>	<input type="radio"/>
Additional training hours	<input type="radio"/>	<input type="radio"/>
Additional ICT equipment for the classroom	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>

• **Innovation policy** (not necessarily related to ICT)

20. Does your school have the following:

Tick one box for each row

	Yes	No
An official policy statement about innovation within the school in teaching and learning methods and/or school organisation more generally	<input type="radio"/>	<input type="radio"/>
Initiatives to encourage such innovations within the school (even in absence of policy statement)	<input type="radio"/>	<input type="radio"/>
Change management training programme (any time during the last three years)	<input type="radio"/>	<input type="radio"/>

🏠 **Opinions about ICT use for educational purposes**

• **Opinions**

21. To what extent do you disagree or agree with the following statements about the use of ICT at school?

Tick one box for each row:

	Strongly disagree	Disagree	Agree	Strongly agree
Computers and the internet should be used for:				
▪ Students to do exercises and practise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Students to retrieve information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Students to work in a collaborative way	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Students to learn in an autonomous way	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ICT use in teaching and learning positively impacts on:				
▪ Student motivation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Student achievement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Students' higher order thinking skills (critical thinking, analysis, problem solving)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Student's competence in transversal skills (learning to learn, social competences, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ICT use in teaching and learning is essential to prepare students to live and work in the 21 st century	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For ICT to be fully exploited for teaching and learning radical changes in schools are needed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

🏠 **School head computer use at school**

• Computer use related to school activities

22. Do you use your computer for any of the following?

Tick one box for each row:

	Yes	No
School management related tasks (budgeting, planning, timetabling, etc.)	<input type="radio"/>	<input type="radio"/>
Searching for information	<input type="radio"/>	<input type="radio"/>
Making presentations	<input type="radio"/>	<input type="radio"/>
Communicating online with teachers (email, web site announcements, etc.)	<input type="radio"/>	<input type="radio"/>
Communicating online with parents (email, web site announcements, etc.)	<input type="radio"/>	<input type="radio"/>
Communicating by emails with educational authorities (at local, regional, or central level)	<input type="radio"/>	<input type="radio"/>

🏠 **School autonomy in pedagogical and ICT decisions**

• Division of responsibilities

23. Regarding your school, who is mainly responsible for the following?

Please tick as many boxes as appropriate in each row

	Teachers National	School head	School governing education body authority	Regional/local education authority	
Procuring ICT infrastructure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Determining course content	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Choosing teaching methods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Deciding about teacher training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Choosing learning resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

🏠 **Personal background information**

• Gender

24. Please indicate whether you are:

- Female
- Male

• Professional experience

25. Including this school year, how many years have you been:

Tick one box for each row:

	Less than 3 years	3-5 years	6-10 years	11-20 years	21 years or more
Head teacher of this school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Head teacher of any school (including years in the present school)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working in any professional	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

capacity in any school

• **Age**

26. What is your age?

Tick one box only

30 or less

31-35

36-45

46-55

Over 55

Thank you for completing this questionnaire

Your school has agreed to participate in the *Survey in schools: ICT and education*, funded by the European Commission and organised in 31 countries (the 27 European Union member states, Croatia, Iceland, Norway and Turkey). The survey focuses on access to and use of information and communication technologies (ICT) in teaching and learning, as well as on attitudes towards the use of ICT in teaching and learning.

This questionnaire addressed to teachers seeks information about the target class, your experience using ICT for teaching, access to ICT infrastructure, support available, ICT based activities and material used, obstacles to the use of ICT in teaching, learning activities with the target class, your skills and attitudes to ICT, and some personal background information.

Answering this questionnaire should require no more than 15 minutes. To make it as easy as possible for you to respond, most questions may be answered simply by clicking in the appropriate box. All responses are anonymised and treated in the strictest confidence; no individual or school will be identifiable in the published reports.

Thank you very much for the time and effort you put in responding to this questionnaire.

🏠 Information about the target class you teach

• Number of students

1. How many students are in the target class, by gender?

Fill in each row only using numbers

Number of girls:

Number of boys:

• Subject taught

2. Which subject do you teach to the target class?

Tick one box only

All subjects or almost (early stages of compulsory education)

Language (mother tongue, not foreign languages)

Mathematics

Sciences

Vocational training subject

Other

• Teaching hours

3. For how many hours a week do you teach the target class?

Tick one box only

Fewer than 2 hours:

2-4 hours:

5-7 hours:

8 or more hours:

• ICT in the school curriculum

4. How is ICT taught to the target class?

Tick one box for each row

	Yes	No
ICT is taught as a separate subject	<input type="radio"/>	<input type="radio"/>
ICT is integrated in my subject because I choose to do so	<input type="radio"/>	<input type="radio"/>
ICT is integrated in my subject because of curriculum requirements	<input type="radio"/>	<input type="radio"/>

🏠 Experience with ICT for teaching

• Experience in the last 12 months

5. Have you used computers and/or the internet for the following activities in the last 12 months?

Tick one box for each row

	Yes	No
Preparing lessons	<input type="radio"/>	<input type="radio"/>
Class teaching in front of/with the students	<input type="radio"/>	<input type="radio"/>

[If the answer to both items or at least the second one is 'NO', respondents are directed to question 21 about learning activities]

• Length of experience with ICT

6. For how many years have you been using computers and/or the internet at any school?

Tick one box only

- Less than 1 year
- Between 1 to 3 years
- Between 4 to 6 years
- More than 6 years

• % of time using ICT

7. For what percentage of time have you use computers and/or the internet in class in the past 12 months?

Tick one box only:

- More than 75% of all lessons
- 51 to 75% of all lessons
- 25 to 50% of all lessons
- 11 to 24% of all lessons
- 6 to 10% of all lessons
- 1 to 5% of all lessons
- Less than 1% of all lessons
- Don't know

🏠 ICT access for teaching

• ICT access by teacher and students of the target class

8. When you use computers and/or Internet during class teaching in front of the students, which equipment is available?

Tick one box for each row

	Yes	No
Students are equipped with computers and/or Internet	<input type="radio"/>	<input type="radio"/>

- Only the teacher use a computer and/or Internet
- Both, teacher and students, use computers and/or Internet

• **Access to infrastructure**

9. Under which conditions do you have access to the following in lessons with the target class?

Tick one box for each row

	No access	Access on demand	Perma- nent access	Other
Desktop computer <u>without</u> internet access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Desktop computer <u>with</u> internet access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>Non-internet-connected</u> laptop, tablet PC, netbook or mini notebook computer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>Internet-connected</u> laptop, tablet PC, netbook or mini notebook computer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E-reader (a device to read books and newspapers on screen)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mobile phone provided by the school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interactive whiteboard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Digital camera or camcorder	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computer laboratory	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. Has the school provided you with a laptop (or tablet PC, netbook, notebook) for your own use this school year?

- Yes
- No

11. Has the school provided students of the target class with a laptop (or tablet PC, netbook, notebook) for their own use this school year (1 to 1 type of initiatives)?

- Yes
- No

12. Are the target class students allowed to use the personally owned devices listed below at school for learning?

Tick one box for each row

	Yes	No
Laptops, tablet, netbook, notebook	<input type="radio"/>	<input type="radio"/>
Mobile or smartphone	<input type="radio"/>	<input type="radio"/>

🏠 **Support to teachers for ICT use**

• **ICT training compulsory**

13. Is participation in ICT training compulsory for a teacher in your subject?

- Yes
- No

• **Professional development**

14. In the past two school years, have you undertaken professional development in the following areas?

Tick one box for each row

	Yes	No
Introductory courses on internet use and general applications (basic word-processing, spreadsheets, presentations, databases, etc.)	<input type="radio"/>	<input type="radio"/>
Advanced courses on applications (advanced word-processing, complex relational databases, Virtual Learning Environment etc.)	<input type="radio"/>	<input type="radio"/>
Advanced courses on internet use (creating websites/home page, video conferencing, etc.)	<input type="radio"/>	<input type="radio"/>
Equipment-specific training (interactive whiteboard, laptop, etc.)	<input type="radio"/>	<input type="radio"/>
Courses on the pedagogical use of ICT in teaching and learning	<input type="radio"/>	<input type="radio"/>
Subject-specific training on learning applications (tutorials, simulations, etc.)	<input type="radio"/>	<input type="radio"/>
Course on multimedia (using digital video, audio equipment, etc.)	<input type="radio"/>	<input type="radio"/>
Participate in online communities (e.g. mailing lists, twitter, blogs) for professional discussions with other teachers	<input type="radio"/>	<input type="radio"/>
ICT training provided by school staff	<input type="radio"/>	<input type="radio"/>
Personal learning about ICT in your own time	<input type="radio"/>	<input type="radio"/>
Other professional development opportunities related to ICT	<input type="radio"/>	<input type="radio"/>

15. In total, how much time have you been involved during the past two school years in the above professional development opportunities?

Tick one box only

- No time at all
- Less than 1 day
- 1-3 days
- 4-6 days
- More than 6 days

• Support from colleagues and/or experts

16. What type of support do the following provide you when you use ICT in lessons?

Tick one box for each row

	Rarely/never used	Mostly technical support	Mostly pedagogical support	Both technical and pedagogical support
A more experienced / knowledgeable teacher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School ICT/technology coordinator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other school staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Experts from outside the school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An online helpdesk, community or website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

• School shared vision about ICT use

17. Do you share with your colleagues, the school head and other staff, the same vision about integrating ICT in teaching and learning at your school?

Tick one box only

- Yes
- No

🏠 ICT based activities and material used for teaching

• Activities

18. How often do you do the following activities with the target class?

Tick one box for each row

	<i>Never or almost never</i>	<i>Several times a month</i>	<i>At least once a week</i>	<i>Every day or almost every day</i>
Browse / search the internet to collect information to prepare lessons	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Browse or search the internet to collect learning material or resources to be used by students during lessons	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use applications to prepare presentations for lessons	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create your own digital learning materials for students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Prepare exercises and tasks for students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Post home work for students on the school website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use ICT to provide feedback and/or assess students' learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evaluate digital learning resources in the subject you teach	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communicate online with parents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Download/upload/browse material from the school's website or virtual learning environment / learning platform	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Look for online professional development opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

• Material

19. Which of the following types of materials have you used when teaching the target class with the aid of a computer and/or the Internet?

Tick one box for each row

	Yes	No
Material that you've searched the Internet for	<input type="radio"/>	<input type="radio"/>
Existing online material from established educational sources	<input type="radio"/>	<input type="radio"/>
Material that is available on the school's computer network or database	<input type="radio"/>	<input type="radio"/>
Electronic offline material (e.g. CD-ROM)	<input type="radio"/>	<input type="radio"/>

🏠 Obstacles to using ICT in teaching and learning

• Shortage/inadequacy

20. Is your use of ICT in teaching and learning adversely affected by the following?

Tick one box for each row

	A lot	Partially	A little	Not at all
Insufficient number of computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient number of internet-connected computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient Internet bandwidth or speed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient number of interactive whiteboards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient number of laptops/notebooks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School computers out of date and/or needing repair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Lack of adequate skills of teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient technical support for teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient pedagogical support for teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of adequate content/material for teaching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of content in national language	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Too difficult to integrate ICT use into the curriculum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of pedagogical models on how to use ICT for learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School time organisation (fixed lesson time, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School space organisation (classroom size and furniture, etc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pressure to prepare students for exams and tests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most parents not in favour of the use of ICT at school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most teachers not in favour of the use of ICT at school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of interest of teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No or unclear benefit to use ICT for teaching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using ICT in teaching and learning not being a goal in our school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

🏠 Learning activities with the target class

• Types of learning activities

21. To what extent do the following aspects of teaching and learning (with or without ICT) feature when teaching the target class?

Tick one box for each row

	A lot	Some- times`	A little	None
I present, demonstrate and explain to the whole class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I support and explain things to individual students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students work alone at their own pace	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students work in groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students work on exercises or tasks individually at the same time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students give presentations to the whole class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students take tests and assessments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students are engaged in enquiry-based activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students discuss ideas with other students and the teacher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students reflect on their learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students participate in assessing their work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

🏠 Teacher skills

• ICT related skills

22. To what extent are you confident in the following?

Tick one box for each row.

	A lot	Some- what`	A little	None
Produce a text using a word processing programme	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use emails to communicate with others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Capture and edit digital photos, movies or other graphics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Edit text online containing internet links and images	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Create a database	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Edit a questionnaire online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Email a file to someone, another student or teacher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Organise computer files in folders and subfolders	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use a spreadsheet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use a spreadsheet to plot a graph	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create a presentation with simple animation functions	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Create a presentation with video or audio clips	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate in a discussion forum on the internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create and maintain blogs or web sites	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate in social networks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Download and install software on a computer	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Download or upload curriculum resources from/to websites or learning platforms for students to use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teach students how to behave safely online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teach students how to behave ethically online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Prepare materials to use with an interactive whiteboard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

🏠 Teacher opinions and attitudes

• Teacher opinion about ICT use impact on student learning

23. Do you consider ICT use during lessons has a positive impact on the following?

Tick one box only for each row

	Not at all	A little	Somewhat	A lot
Students concentrate more on their learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students try harder in what they are learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students feel more autonomous in their learning (they can repeat exercises if needed, explore in more detail topics that they are interested in, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students understand more easily what they learn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students remember more easily what they've learnt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ICT facilitates collaborative work between students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ICT improves the class climate (students more engaged, less disturbing)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

• Attitudes towards ICT

24. To what extent do you disagree or agree with each of the following statements about the use of ICT at school?

Tick one box for each row:

	Strongly agree	Agree	Disagree	Strongly disagree
ICT should be used for students to:				
▪ Do exercises and practise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Retrieve information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Work in a collaborative way	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Learn in an autonomous way	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ICT use in teaching and learning positively impacts on students':				
▪ Motivation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Achievement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Higher order thinking skills (critical thinking, Analysis, problem solving)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
▪ Competence in transversal skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(learning to learn, social competences, etc.)

ICT use in teaching and learning is essential to
prepare students to live and work
in the 21st century

For ICT to be fully exploited for teaching and
learning radical changes in schools are needed

🏠 Personal background information

• Gender

25. Are you:

Tick one box only

Female?

Male?

• Teaching experience

26. Including this school year, how long have you been teaching (at any school)?

Tick one box only:

Less than 1 year

1-3 years

4-10 years

11-20 years

21-30 years

31-40 years

More than 40 years

• Age

27. What is your age?

Tick one box only

30 or less

31-35

36-45

46-55

More than 55

• Computer use in daily life

28. How often do you use a computer for activities other than work (e.g. shopping, organising photos, socialising, entertainment, booking a hotel, contacting family and friends)?

Tick one box only

Never

A few times a year

Almost monthly

Weekly

Daily

29. Do you use a computer and the internet to update your subject knowledge or undertake personal or professional development in any subject (i.e. whether or not related to the subject you teach)?

Yes

No

Thank you for completing this questionnaire

Student questionnaire general upper secondary education (grade 11) (additions in red only for vocational) – [NAME OF THE COUNTRY, in the country language]

This *Survey in schools: ICT and education* is organised in 31 countries (the 27 European Union member states, Croatia, Iceland, Norway and Turkey). The survey focuses on access to and use of information and communication technologies (ICT) in teaching and learning, as well as on attitudes towards the use of ICT in teaching and learning and impact.

In this questionnaire, you will find questions about yourself and your use of computers and the internet at home and at school. Some questions ask for facts while others ask for your opinions. All responses are anonymous and treated in the strictest confidence; no individual or school will be identifiable in the published reports.

Read each question carefully and answer as accurately as possible. Ask for help if you do not understand something or are not sure how to respond.

Each question is followed by a number of possible answers. In some cases, only one answer has to be chosen, in others you can choose several. For each question, read carefully the indications on the number of possible choices and then click accordingly on the box(es) next to the answer of your choice.

🏠 **ICT at home and other places**

• **Experience**

1. **Have you used a computer or laptop/notebook outside school (i.e. at home, at friends' or family member's home, in a public library, an Internet café, etc.)?**

Tick one box only

	Yes	No
In the last 3 months	<input type="radio"/>	<input type="radio"/>
In the last 12 months	<input type="radio"/>	<input type="radio"/>

2. **Have you been on the Internet outside school (i.e. at home, at friends' or family member's home, in a public library, an Internet café, etc.)?**

Tick one box only

	Yes	No
In the last 3 months	<input type="radio"/>	<input type="radio"/>
In the last 12 months	<input type="radio"/>	<input type="radio"/>

[If the answer is 'No' to sub question about use of a computer in the last 12 months, respondents are sent to question 17 about ICT use at school]

• **Equipment access**

3. **Which of the following are available for you to use easily at home, or outside school (e.g. at friends' or family member's home, in a public library or an Internet café)?**

Tick one box for each row

	Yes at home	Yes in other locations excluding school	Not available
Desktop computer <u>without</u> Internet access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Desktop computer <u>with</u> Internet access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Laptop, tablet PC, netbook or mini notebook computer <u>without</u> Internet access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laptop, tablet PC, netbook or mini notebook computer <u>with</u> Internet access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Digital reader (portable device for reading books on screen)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Video gaming system (e.g. Xbox, PlayStation, Wii)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Handheld games console (e.g. PSP, Nintendo DS)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mobile phone <u>without</u> Internet access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mobile phone <u>with</u> Internet access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Portable music or video player (Mp3/Mp4 player)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Camcorder or digital camera (to record video)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

• **Number of years using computers**

4. For how many years have you been using computers at home or places other than school?

Tick one box only

- Less than 1 year
- Between 1 to 3 years
- Between 4 to 6 years
- More than 6 years

• **Use and activities NOT related to home school work**

5. How often do you take part in the following activities in your free time, at home or any place other than school?

Tick one box for each row

	<i>Never or almost never</i>	<i>Several times a month</i>	<i>A least once a week</i>	<i>Every day or almost every day</i>
Sending and reading emails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chatting online (e.g. Facebook, Instant Messenger)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reading or watching the news online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using an online dictionary or encyclopaedia (Wikipedia, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Searching online for practical information (e.g. seats at a match/concert, shopping, train times, health)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Searching different sources online for information and learning about a particular topic you're interested in	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning with educational software, games and quizzes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taking part in online group discussions or forums	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing one player games online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing multi-player online games	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Browsing the Internet for fun	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Watching video clips, downloading music, games, software from the Internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Keeping your own website, Facebook page, blog	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

• **Use and activities RELATED to school work**

6. How often do you do the following at home or locations other than schools?

Tick one box for each row

<i>Never or almost</i>	<i>Several times a</i>	<i>At least once a</i>	<i>Every day or almost</i>
----------------------------	----------------------------	----------------------------	--------------------------------

	<i>never</i>	<i>month</i>	<i>week</i>	<i>every day</i>
Do homework on the computer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Search the Internet for information for schoolwork	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Search online about learning opportunities, courses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Search online about job opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Visit online communities or forums related to the subjects you study	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate actively in online communities or forums related to the subject you study	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate in online learning programmes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collect information online and organise it in files to be retrieved when I want	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Email other students about schoolwork	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use other online tools (Instant Messenger, Facebook, etc.) to contact other students about schoolwork	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Email teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use other online tools (Instant Messenger, Facebook, etc.) to contact teachers about schoolwork	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Send school work by email or by upload it to the school virtual learning platform	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Download, upload or browse learning material on your school's website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Check the school website for announcements, dates etc.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Put your own profile and CV on job web sites	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Update regularly your profile on job web sites	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

• **Access to school learning platform**

7. Does your school have a learning platform or virtual learning environment?

Tick one box only

Yes

No

If yes: Can you log on to it out of school time (before/after school, evenings, weekends, etc.)?

Tick one box only

Yes

No

🏠 **ICT at school**

• **Experience**

8. Have you used a desktop computer, a laptop or notebook at school?

Tick one box only

	<i>Yes</i>	<i>No</i>
In the last 3 months	<input type="radio"/>	<input type="radio"/>
In the last 12 months	<input type="radio"/>	<input type="radio"/>

9. Have you used the internet at school?

Tick one box only

<i>Yes</i>	<i>No</i>
------------	-----------

- In the last 3 months
- In the last 12 months

[If the answer is 'No' to sub question about desktop computer use in the last 12 months, respondents are sent to question 23 about learning activities]

• **Number of years using computers at school**

10. For how many years have you been using computers at school?

Tick one box only

- Less than 1 year
- Between 1 to 3 years
- Between 4 to 6 years
- More than 6 years

• **Equipment use (in the classroom or computer lab or any other school place)**

11. How often do you use the following for learning purposes during lessons?

Tick one box for each row

	<i>Never or almost never</i>	<i>Several times a month</i>	<i>At least once a week</i>	<i>Every day or almost every day</i>
Desktop computer <u>with no</u> Internet connection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Desktop computer <u>with</u> use of an Internet connection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laptop, tablet PC, netbook or notebook computer <u>with no</u> Internet connection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laptop, tablet PC, netbook or notebook computer <u>with</u> Internet connection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Digital reader (portable device to read books on screen)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mobile phone provided by the school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interactive whiteboard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Digital camera or camcorder	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your own laptop or notebook brought from home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your own mobile phone brought from home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

• **Resources and tools use**

12. How often do you use the following in lessons?

Tick one box for each row

	<i>Never or almost never</i>	<i>Several times a month</i>	<i>At least once a week</i>	<i>Every day or almost every day</i>
Digital books and textbooks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Exercise software, online quizzes and tests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Multimedia production tools (e.g. PowerPoint, video editing, digital recording)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Broadcasting tools (publish podcast, upload to You Tube, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Data logging tools (e.g. temperature rise)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computer simulations (interactive programme simulating real world phenomena in which you can make changes and see the consequences)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Digital learning games, computer/video games

• **ICT based activities during lessons**

13. How often do you use a computer for the following learning activities during lessons?

Tick one box for each row

	<i>Never or almost never</i>	<i>Several times a month</i>	<i>At least once a week</i>	<i>Every day or almost every day</i>
Send or read email messages	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chat online for school work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Search the internet to collect information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Download/upload/browse material from your school's website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Post your work on the school website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate in online communities or forums related to the subject you study	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate in online training sessions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use computers when working in groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use computers to conduct experiments (collecting data and/or images, storing them, documenting observation, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Contribute to and/or create blogs or discussion forums for school work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collect information online and organise it in files to be retrieved later	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

• **Learning activities**

14. In lessons, how often are you engaged in the following (whether using ICT or not)?

Tick each row, filling one box only

	<i>Never or almost never</i>	<i>Several times a month</i>	<i>At least once a week</i>	<i>Every day or almost every day</i>
We all listen to teacher presentation or explanation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We all listen to a student presentation or explanation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We all read a book or look at films or videos at the same time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We all do exercises and tasks, individually or collectively	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I work on something at my own pace	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We work in small groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We look up ideas and information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We investigate and explore issues individually or in small groups and search for information about it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We try to solve problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We explain and discuss our own ideas about important questions of the day with teachers and other students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students help each other to better understand and learn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We take time to think about how better to learn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

🏠 ICT for learning

• **Skills and competence**

15. How confident are you doing the following tasks?

Tick one box for each row

	<i>Not at all</i>	<i>A little</i>	<i>Somewhat</i>	<i>A lot</i>
Produce text using a word processing programme	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Edit digital photographs or other graphic images	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Edit online text containing Internet links and images	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create a database	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Edit a questionnaire online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Email a file to someone/another student or teacher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
File electronic documents in computer folders and subfolders	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use spreadsheet programmes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use a spreadsheet to plot a graph	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create a presentation with animations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create a multimedia presentation (text, graphics, video ...)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate in a discussion forum on the Internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create blogs or web sites and maintain them	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Install software on my computer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate in social networks and use most of their features	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Judge the reliability of information found on the Internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify online sources of reliable information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use the Internet safely to protect yourself against bullying	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use the Internet safely to protect your privacy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use the Internet safely to protect your online reputation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use the Internet safely to respect the privacy of others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use the Internet safely to respect others' reputation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use information found on the internet without plagiarising (e.g. copy/paste in home work)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Protect yourself against spam and junk mail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify websites with relevant training opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Find websites advertising jobs on offer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Register and participate in online training programmes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Post your own profile or CV on job websites	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

• **ICT use impact on learning**

16. Do you consider using ICT (computers, interactive whiteboards) during lessons has a positive impact on the following?

Tick one box only for each row

	<i>Not at all</i>	<i>A little</i>	<i>Somewhat</i>	<i>A lot</i>
You concentrate more on what you're learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You try harder in what you're learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You feel more independent in your learning (e.g. go over work again, find out more about things you are interested in)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You understand more easily what you're learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You remember more easily what you've learnt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ICT enables you to work better with other students on tasks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ICT improves the atmosphere in class (e.g. students are more engaged, there is less disruption)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

• **Attitudes towards computers**

17. Thinking about your experience with computers: to what extent do you agree with the following statements?

Fill in one box for each row:

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
It is really important to me to work with a computer for learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using a computer for learning is really fun	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I use a computer for learning because I'm very interested in computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I lose track of time when I'm learning with the computer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It's really worth using a computer for learning because it will help me in my future life as an adult	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I use a computer to learn as it will help in the work that I want to do later on	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I learn things using computers that will help me to get a job	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning with computer is important for me because I need it for what I want to study later on	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

🏠 About you

• Your gender

18. Are you ...

Male?

Female?

• Your age

19. When were you born?

Tick the box next to the year you were born

Fill in the box next to the month you were born

<i>Year</i>	
Before 1992	<input type="radio"/>
1992	<input type="radio"/>
1993	<input type="radio"/>
1994	<input type="radio"/>
1995	<input type="radio"/>
1996	<input type="radio"/>
1997	<input type="radio"/>
After 1997	<input type="radio"/>

<i>Month</i>	
January	<input type="radio"/>
February	<input type="radio"/>
March	<input type="radio"/>
April	<input type="radio"/>
May	<input type="radio"/>
June	<input type="radio"/>
July	<input type="radio"/>
August	<input type="radio"/>
September	<input type="radio"/>
October	<input type="radio"/>
November	<input type="radio"/>
December	<input type="radio"/>

• Country of birth

20. Were you born in the same country as your present school is in?

Tick one box only

Yes

No

If not: How long have you been living in the country where you now go to school?

Tick one box only

- Less than 1 year
- Between 1 and 5 years
- Between 6 and 10 years
- More than 10 years

🏠 Family background

• Your mother's education

21. What is the highest level of education completed by your mother? If you live less than half time with your mother, please mark the highest level of education of your father.

Tick one box only

- <ISCED 6>
- <ISCED 5>
- <ISCED 4>
- <ISCED 3>
- <ISCED 2>
- <ISCED 1>

Fill in one box only:

- The information provided above relates to my mother
- The information provided above relates to my father

• Home language

22. At home, do you normally speak the same language as the one used in the present questionnaire?

- Yes
- No

🏠 Home resources

• Books at home

23. How many books are there in your home?

Tick one box only

- None or very few (0 - 10 books).This shows 10 books:
- Enough to fill one shelf (11 - 25 books).This shows 25 books:
- Enough to fill one bookcase (26-100 books).This shows 100 books:
- Enough to fill two bookcases (101-200 books).This shows 200 books:
- Enough to fill three or more bookcases (more than 200).This shows more than 200 books:

• Your study branch

24. Which of the following branches is closest to the one you're in?

Tick one box only.

- Agriculture, forestry, fishery
- Engineering, manufacturing, construction

- Clerical or office work
- Health and welfare, education, social work or personal care
- Other

Thank you for completing this questionnaire