

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	Permanent 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 checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" 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 checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Lack of content in national language	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" 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 checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
No or unclear benefit to use ICT for teaching	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" 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 checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Use emails to communicate with others	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" 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)**
 - Competence in transversal skills (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