

ICT FAMILIARITY QUESTIONNAIRE

The Information Communication Technology (ICT) familiarity questionnaire consists of questions regarding the availability of ICT, and the student's use of, and attitudes towards, computers. It is administered to students after the international student questionnaire and takes about five minutes to complete.

Availability of ICT

Availability of ICT at home

Q1 Is there any of these devices available for you to use *at home*?

(Please tick one box in each row)

		Yes	Yes, but I don't use it	No
a)	Desktop computer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
b)	Portable laptop or notebook	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
c)	Internet connection	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
d)	<Video games console>, e.g. (Sony PlayStation)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
e)	Cell phone	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
f)	Mp3/Mp4 reader, iPod or similar	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
g)	Printer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
h)	USB (memory) stick	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃

Availability of ICT at school

Q2 Is there any of these devices available for you to use *at school*?

(Please tick one box in each row)

		Yes	Yes, but I don't use it	No
a)	Desktop computer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
b)	Portable laptop or notebook	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
c)	Internet connection	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
d)	Printer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
e)	USB (memory) stick	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃

General use of computers

Filter question

Q3 Have you ever used a computer?

Yes	No
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂

If you answered Yes to the above question, please continue.

If you answered No, please stop here.



Use of ICT at home

Use of the computer at home

Q4 How often do you use a computer for following activities *at home*?

(Please tick one box in each row)

		Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day
a)	Play one-player games	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b)	Play collaborative online games	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c)	Doing homework on the computer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d)	Use e-mail	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e)	<Chat online> (e.g. <MSN®>)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f)	Browse the Internet for fun (such as watching videos, e.g. <YouTube™>)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
g)	Download music, films, games or software from the Internet	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
h)	Publish and maintain a personal website, weblog or blog	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
i)	Participate in online forums, virtual communities or spaces (e.g. <Second Life® or MySpace™>)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Home use of internet and e-mail for school-related tasks

Q5 How often do you do the following *at home*?

(Please tick one box in each row)

		Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day
a)	Browse the Internet for schoolwork (e.g. preparing an essay or presentation)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b)	Use e-mail for communication with other pupils about schoolwork	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c)	Use e-mail for communication with teachers and submissions of homework or other schoolwork	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d)	Download, upload or browse material from your school's website (e.g. time table or course materials)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e)	Check the school's website for announcements, e.g. absence of teachers	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Use of ICT at school

Use of ICT at school

Q6 How often do you use a computer for following activities at school?

(Please tick one box in each row)

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day
a) <Chat on line> at school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Use e-mail at school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Browse the Internet for schoolwork	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Download, upload or browse material from the school's website (e.g. <intranet>)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) Post your work on the school's website	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) Play simulations at school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
g) Practice and drilling, such as for foreign language learning or mathematics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
h) Doing individual homework on a school computer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
i) Use school computers for group work and communication with other students	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Use of computers at school in classroom lessons

Q7 In a typical school week, how much time do you spend using the computer during classroom lessons?

(Please tick one box in each row)

	No time	0–30 minutes a week	31–60 minutes a week	More than 60 minutes a week
a) Computer use in <test language> lessons	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Computer use in <mathematics> lessons	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Computer use in <science> lessons	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Computer use in foreign language lessons	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Note.

For the definition of <test language>, <mathematics> and <science> see the annotation to question Q28 in the student questionnaire.



Q8 To what extent are you able to do each of these tasks on a computer?

(Please tick one box in each row)

		I can do this very well by myself	I can do this with help from someone	I know what this means but I cannot do it	I don't know what it means
a)	Edit digital photographs or other graphic images	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b)	Create a database (e.g. using <Microsoft Access®>)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c)	Use a spreadsheet to plot a graph	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d)	Create a presentation (e.g. using <Microsoft PowerPoint®>)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e)	Create a multi-media presentation (with sound, pictures, video)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Use of computers at school outside classroom lessons

Q9 In a typical school week, how much time do you spend using the computer at school outside classroom lessons, e.g. in a <school library> or computer room?

(Please tick only one box)

- I never use the computer at school outside classroom lessons ₁
- About half an hour a week ₂
- About an hour a week ₃
- About two hours a week ₄
- About three hours a week ₅
- About four or more hours a week ₆

Attitude toward computers

Attitude toward computers

Q10 Thinking about your experience with computers: To what extent do you agree with the following statements?

(Please tick one box in each row)

		Strongly disagree	Disagree	Agree	Strongly agree
a)	It is very important to me to work with a computer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b)	I think playing or working with a computer is really fun	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c)	I use a computer because I am very interested	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d)	I lose track of time when I am working with the computer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄