ICT FAMILIARITY QUESTIONNAIRE FOR PISA 2018

(INTERNATIONAL OPTION) MAIN SURVEY VERSION

CY7_201710_QST_MS_ICQ_NoNotes

October 2017

In the following questions, you will be asked about different aspects related to digital media and digital devices, including desktop computers, portable laptops, notebooks, smartphones, tablet computers, cell phones without Internet access, game consoles, and Internet-connected television.

Are any of these devices available for you to use <u>at home</u>?

| | | Yes, and I use it | Yes, but I don't use it | No |
|------------|---|----------------------|----------------------------|----------------|
| IC001Q01TA | Desktop computer | \square_{01} | \square_{02} | \square_{03} |
| IC001Q02TA | Portable laptop, or notebook | \square_{01} | \square_{02} | \square_{03} |
| IC001Q03TA | <tablet computer=""> (e.g. <ipad<sup>®>, <blackberry<sup>® PlayBookTM>)</blackberry<sup></ipad<sup></tablet> | \square_{01} | \square_{02} | \square_{03} |
| IC001Q04TA | Internet connection | \square_{01} | \square_{02} | \square_{03} |
| IC001Q05TA | <video console="" games="">, e.g. <sony® playstation®=""></sony®></video> | \square_{01} | \square_{02} | \square_{03} |
| IC001Q06TA | <cell phone=""> (without Internet access)</cell> | \square_{01} | \square_{02} | \square_{03} |
| IC001Q07TA | <cell phone=""> (with Internet access)</cell> | \square_{01} | \square_{02} | \square_{03} |
| IC001Q08TA | Portable music player (Mp3/Mp4 player, iPod® or similar) | \square_{01} | \square_{02} | \square_{03} |
| IC001Q09TA | Printer | \square_{01} | \square_{02} | \square_{03} |
| IC001Q10TA | USB (memory) stick | \square_{01} | \square_{02} | \square_{03} |
| IC001Q11TA | <ebook reader="">, e.g. <amazon® KindleTM></amazon® </ebook> | \square_{01} | \square_{02} | \square_{03} |

Are any of these devices available for you to use <u>at school</u>?

| | | Yes, and I use it | Yes, but I don't use it | No |
|------------|---|----------------------|----------------------------|----------------|
| IC009Q01TA | Desktop computer | \square_{01} | \square_{02} | \square_{03} |
| IC009Q02TA | Portable laptop or notebook | \square_{01} | \square_{02} | \square_{03} |
| IC009Q03TA | <tablet computer=""> (e.g. <ipad<sup>®>, <blackberry<sup>® PlayBookTM>)</blackberry<sup></ipad<sup></tablet> | \square_{01} | \square_{02} | \square_{03} |
| IC009Q05NA | Internet connected school computers | \square_{01} | \square_{02} | \square_{03} |
| IC009Q06NA | Internet connection via wireless network | \square_{01} | \square_{02} | \square_{03} |
| IC009Q07NA | Storage space for school-related data, e.g. a folder for own documents | \square_{01} | \square_{02} | \square_{03} |
| IC009Q08TA | USB (memory) stick | \square_{01} | \square_{02} | \square_{03} |
| IC009Q09TA | <ebook reader="">, e.g. <amazon® KindleTM></amazon® </ebook> | \square_{01} | \square_{02} | \square_{03} |
| IC009Q10NA | Data projector, e.g. for slide presentations | \square_{01} | \square_{02} | \square_{03} |
| IC009Q11NA | Interactive whiteboard, e.g. <smartboard®></smartboard®> | \square_{01} | \square_{02} | \square_{03} |

IC002Q01NA05

IC002 How old were you when you first used a digital device? (Please think of different kinds of digital devices such as for example desktop computers, portable laptops, notebooks, smartphones, tablet computers, cell phones without Internet access, game consoles, or *Internet-connected television.*) (Please select one response.) 3 years old or younger IC002Q01HA06 IC002Q01HA07 4-6 years old 7-9 years old IC002Q01NA02 IC002Q01NA03 10-12 years old IC002Q01NA04 13 years old or older

→ If the student selects "I have never used a digital device until today", the questionnaire will terminate as the proceeding questions will not be relevant to the student.

I have never used a digital device until today

| Internet? | | |
|--------------|------------------------------------|----------------|
| | (Please select one response.) | |
| IC004Q01HA06 | 3 years old or younger | \square_{01} |
| IC004Q01HA07 | 4-6 years old | \square_{02} |
| IC004Q01TA02 | 7-9 years old | \square_{03} |
| IC004Q01TA03 | 10-12 years old | \square_{04} |
| IC004Q01TA04 | 13 years old or older | |
| IC004Q01TA05 | I have never accessed the Internet | \square_{06} |

This is a filter question. If a student responds "6", I have never accessed the Internet, IC005, IC006, IC007 are not applicable and students will proceed with IC150.

Only if students answered "1"-"5" in IC004

During a *typical* <u>weekday</u>, for how long do you use the Internet <u>at school</u>?

| | (Please select one response.) | |
|--------------|-------------------------------------|----------------|
| IC005Q01TA01 | No time | \square_{01} |
| IC005Q01TA02 | 1-30 minutes per day | \square_{02} |
| IC005Q01TA03 | 31-60 minutes per day | \square_{03} |
| IC005Q01TA04 | Between 1 hour and 2 hours per day | \square_{04} |
| IC005Q01TA05 | Between 2 hours and 4 hours per day | \square_{05} |
| IC005Q01TA06 | Between 4 hours and 6 hours per day | \square_{06} |
| IC005Q01TA07 | More than 6 hours per day | \square_{07} |

Only if students answered "1"-"5" in IC004

During a *typical* <u>weekday</u>, for how long do you use the Internet <u>outside of school</u>?

(Please select one response.)

| IC006Q01TA01 | No time | \square_{01} |
|--------------|-------------------------------------|----------------|
| IC006Q01TA02 | 1-30 minutes per day | \square_{02} |
| IC006Q01TA03 | 31-60 minutes per day | \square_{03} |
| IC006Q01TA04 | Between 1 hour and 2 hours per day | \square_{04} |
| IC006Q01TA05 | Between 2 hours and 4 hours per day | \square_{05} |
| IC006Q01TA06 | Between 4 hours and 6 hours per day | \square_{06} |
| IC006Q01TA07 | More than 6 hours per day | \square_{07} |

Only if students answered "1"-"5" in IC004

On a typical weekend day, for how long do you use the IC007 Internet outside of school? (Please select one response.) No time IC007Q01TA01 IC007Q01TA02 1-30 minutes per day IC007Q01TA03 31-60 minutes per day IC007Q01TA04 Between 1 hour and 2 hours per day Between 2 hours and 4 hours per day IC007Q01TA05 IC007Q01TA06 Between 4 hours and 6 hours per day IC007Q01TA07 More than 6 hours per day

In a typical school week, how much time do you spend using digital devices <u>during classroom lessons</u>?

| | | No time | 1 – 30 minutes a week | 31 – 60 minutes a week | More than 60 minutes a week | I do not study this subject |
|------------|---------------------------------------|-----------------|-----------------------------|------------------------------|-----------------------------------|-----------------------------------|
| IC150Q01HA | <test language="" lessons=""></test> | □ ₀₁ | \square_{02} | ₀₃ | \square_{04} | \square_{05} |
| IC150Q02HA | <mathematics></mathematics> | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC150Q03HA | <science></science> | \square_{01} | \square_{02} | □ ₀₃ | \square_{04} | \square_{05} |
| IC150Q04HA | <foreign language></foreign | □ ₀₁ | \square_{02} | ₀₃ | \square_{04} | □ ₀₅ |
| IC150Q05HA | <social sciences=""></social> | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC150Q06HA | Music | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} | \square_{05} |
| IC150Q07HA | Sports | \square_{01} | \square_{02} | □ ₀₃ | \square_{04} | \square_{05} |
| IC150Q08HA | <performing arts=""></performing> | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} | \square_{05} |
| IC150Q09HA | <visual arts=""></visual> | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | \square_{05} |

In a typical school week, how much time do you spend using digital devices <u>outside of classroom lessons</u> (regardless whether at home or in school) for the following subjects?

| | | No time | 1 – 30 minutes a week | 31 – 60 minutes a week | More than 60 minutes a week | I do not study this subject |
|------------|---------------------------------------|-----------------|-----------------------------|------------------------------|--------------------------------------|-----------------------------------|
| IC151Q01HA | <test language="" lessons=""></test> | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC151Q02HA | <mathematics></mathematics> | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC151Q03HA | <science></science> | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC151Q04HA | <foreign language></foreign | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC151Q05HA | <social sciences=""></social> | \square_{01} | \square_{02} | □ ₀₃ | \square_{04} | \square_{05} |
| IC151Q06HA | Music | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC151Q07HA | Sports | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC151Q08HA | <performing arts=""></performing> | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC151Q09HA | <visual arts=""></visual> | \square_{01} | \square_{02} | \square_{03} | \square_{04} | □ ₀₅ |

Within the last month, has a digital device been used <u>for learning or teaching</u> during lessons in the following subjects?

| | | Yes, both the teacher and students used it | Yes, but only students used it | Yes, but only the teacher used it | No | I do not study this subject |
|------------|--------------------------------------|---|---|--|-----------------|-----------------------------------|
| IC152Q01HA | <test language="" lessons=""></test> | □ ₀₁ | \square_{02} | \square_{03} | □ ₀₄ | □ ₀₅ |
| IC152Q02HA | <mathematics></mathematics> | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC152Q03HA | <science></science> | \square_{01} | \square_{02} | \square_{03} | □ ₀₄ | \square_{05} |
| IC152Q04HA | <foreign language=""></foreign> | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} | □ ₀₅ |
| IC152Q05HA | <social sciences=""></social> | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC152Q06HA | Music | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC152Q07HA | Sports | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC152Q08HA | <performing arts=""></performing> | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC152Q09HA | <visual arts=""></visual> | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |

How often do you use digital devices for the following activities <u>outside of school</u>?

| | | Never or hardly ever | Once or twice a month | Once or twice a week | Almost every day | Every day |
|------------|---|-------------------------------|-----------------------------------|-------------------------------|------------------------|-----------------|
| IC008Q01TA | Playing one-player games. | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC008Q02TA | Playing collaborative online games. | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC008Q03TA | Using email. | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | □ ₀₅ |
| IC008Q04TA | <chatting online=""> (e.g. <msn®>).</msn®></chatting> | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC008Q05TA | Participating in social networks (e.g. <facebook>, <myspace>).</myspace></facebook> | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} | \square_{05} |
| IC008Q07NA | Playing online games via social networks (e.g. <farmville®>, <the sims="" social="">).</the></farmville®> | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC008Q08TA | Browsing the Internet for fun (such as watching videos, e.g. <youtube<sup>TM>).</youtube<sup> | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC008Q09TA | Reading news on the Internet (e.g. current affairs). | □ ₀₁ | □ ₀₂ | □ ₀₃ | \square_{04} | \square_{05} |
| IC008Q10TA | Obtaining practical information from the Internet (e.g. locations, dates of events). | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC008Q11TA | Downloading music, films, games or software from the internet. | □ ₀₁ | □ ₀₂ | □ ₀₃ | \square_{04} | □ ₀₅ |
| IC008Q12TA | Uploading your own created contents for sharing (e.g. music, poetry, videos, computer programs). | \square_{01} | \square_{02} | \square_{03} | \square_{04} | □ ₀₅ |
| IC008Q13NA | Downloading new apps on a mobile device. | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} | □ ₀₅ |

How often do you use digital devices for the following activities <u>outside of school</u>?

| □ ₀₅ □ ₀₅ □ ₀₅ |
|---|
| |
| |
| |
| |
| □ ₀₅ |
| |
| □ ₀₅ |
| |
| \square_{05} |
| \square_{05} |
| \square_{05} |
| |
| |

How often do you use digital devices for the following activities <u>at school</u>?

| | | Never or hardly ever | Once or twice a month | Once or twice a week | Almost every day | Every day |
|-------------|---|-------------------------------|--------------------------------|-------------------------------|------------------------|-----------------|
| IC011Q01TA | <chatting online=""> at school.</chatting> | \square_{01} | \square_{02} | \square_{03} | \square_{04} | \square_{05} |
| IC011Q02TA | Using email at school. | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | □ ₀₅ |
| IC011Q03TA | Browsing the Internet for schoolwork. | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} | \square_{05} |
| IC011Q04TA | Downloading, uploading or browsing material from the school's website (e.g. <intranet>).</intranet> | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} | □ ₀₅ |
| IC011Q05TA | Posting my work on the school's website. | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} | \square_{05} |
| IC011Q06TA | Playing simulations at school. | \square_{01} | \square_{02} | \square_{03} | \square_{04} | □ ₀₅ |
| IC011Q07TA | Practicing and drilling, such as for foreign language learning or mathematics. | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} | □ ₀₅ |
| IC011Q08TA | Doing homework on a school computer. | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} | \square_{05} |
| IC011Q09TA | Using school computers for group work and communication with other students. | \square_{01} | \square_{02} | □ ₀₃ | \square_{04} | □ ₀₅ |
| IC011Q010HA | Using learning apps or learning websites. | □ ₀₁ | □ ₀₂ | □ ₀₃ | \square_{04} | □ ₀₅ |

(Please think of different kinds of digital devices such as for example desktop computers, portable laptops, notebooks, smartphones, tablet computers, cell phones without internet access, game consoles, or internet-connected television)

| | · - | | | | |
|------------|--|----------------------|----------------|-----------------|-------------------|
| | | Strongly disagree | Disagree | Agree | Strongly agree |
| IC013Q01NA | I forget about time when I'm using digital devices. | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} |
| IC013Q04NA | The Internet is a great resource for obtaining information I am interested in (e.g. news, sports, dictionary). | □ ₀₁ | \square_{02} | \square_{03} | □ ₀₄ |
| IC013Q05NA | It is very useful to have social networks on the Internet. | \square_{01} | \square_{02} | □ ₀₃ | \square_{04} |
| IC013Q11NA | I am really excited discovering new digital devices or applications. | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} |
| IC013Q12NA | I really feel bad if no Internet connection is possible. | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} |
| IC013Q13NA | I like using digital devices. | \square_{01} | \square_{02} | \square_{03} | \square_{04} |

(Please think of different kinds of digital devices such as for example desktop computers, portable laptops, notebooks, smartphones, tablet computers, cell phones without internet access, game consoles, or internet-connected television)

| | · · · · · · · · · · · · · · · · · · · | | | | |
|------------|---|----------------------|-----------------|-----------------|-------------------|
| | | Strongly disagree | Disagree | Agree | Strongly agree |
| IC014Q03NA | I feel comfortable using digital devices that I am less familiar with. | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} |
| IC014Q04NA | If my friends and relatives want to buy new digital devices or applications, I can give them advice. | \square_{01} | □ ₀₂ | □ ₀₃ | □ ₀₄ |
| IC014Q06NA | I feel comfortable using my digital devices at home. | \square_{01} | \square_{02} | □ ₀₃ | \square_{04} |
| IC014Q08NA | When I come across problems with digital devices, I think I can solve them. | □ ₀₁ | \square_{02} | \square_{03} | □ ₀₄ |
| IC014Q09NA | If my friends and relatives have a problem with digital devices, I can help them. | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} |

| | | Strongly disagree | Disagree | Agree | Strongly agree |
|------------|---|----------------------|----------------|-----------------|-------------------|
| IC015Q02NA | If I need new software, I install it by myself. | □ ₀₁ | \square_{02} | \square_{03} | \square_{04} |
| IC015Q03NA | I read information about digital devices to be independent. | \square_{01} | \square_{02} | □ ₀₃ | \square_{04} |
| IC015Q05NA | I use digital devices as I want to use them. | \square_{01} | \square_{02} | □ ₀₃ | \square_{04} |
| IC015Q07NA | If I have a problem with digital devices I start to solve it on my own. | □ ₀₁ | \square_{02} | \square_{03} | □ ₀₄ |
| IC015Q09NA | If I need a new application, I choose it by myself. | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} |

| | | Strongly disagree | Disagree | Agree | Strongly agree |
|------------|--|----------------------|----------------|-----------------|-------------------|
| IC016Q01NA | To learn something new about digital devices, I like to talk about them with my friends. | □ ₀₁ | \square_{02} | □ ₀₃ | □ ₀₄ |
| IC016Q02NA | I like to exchange solutions to problems with digital devices with others on the Internet. | □ ₀₁ | \square_{02} | □ ₀₃ | □ ₀₄ |
| IC016Q04NA | I like to meet friends and play computer and video games with them. | □ ₀₁ | \square_{02} | \square_{03} | □ ₀₄ |
| IC016Q05NA | I like to share information about digital devices with my friends. | □ ₀₁ | \square_{02} | □ ₀₃ | \square_{04} |
| IC016Q07NA | I learn a lot about digital media by discussing with my friends and relatives. | □ ₀₁ | \square_{02} | \square_{03} | □ ₀₄ |

Which of the following statements best describes how you read the <u>news</u> (e.g. politics, culture, sport, local news)?

(Please select one response.) \square_{01} ST169Q01HA I do not follow the news at all. ST169Q01HA I only watch or listen to the news (e.g. radio, television, podcasts). I read the news more often on digital devices (e.g. tablet, \square_{03} ST169Q01HA smartphone, computer). ST169Q01HA I read the news more often on paper (e.g. newspapers, \square_{04} magazines). I read the news equally often in paper format and on digital ST169Q01HA \square_{05} devices.

Thank you very much for your co-operation in completing this questionnaire!