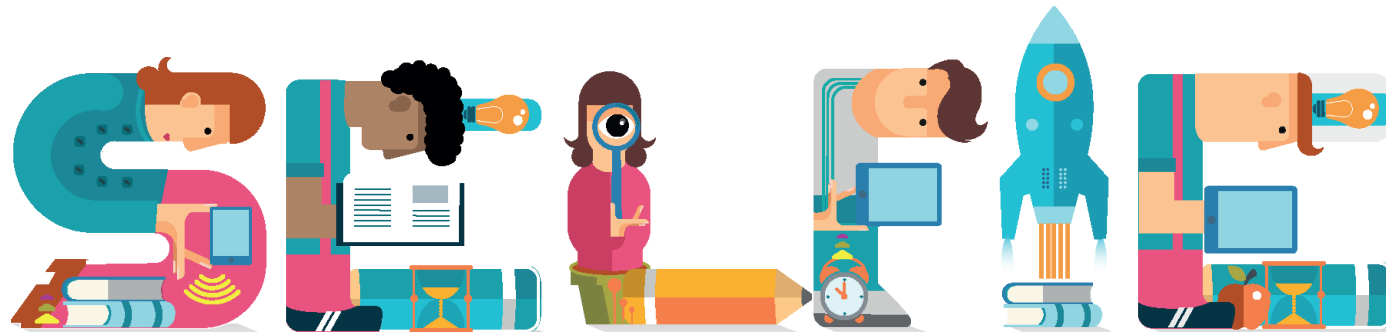# Discover the digital potential of your school

Dear SELFIE school coordinator,

In this document, you will find all statements and questions currently in SELFIE for each education level (eg primary, secondary schools).

Some questions are common for all schools and cannot be changed (these are in the light blue boxes). Others are optional (see light green boxes) so you can decide to include them or not if they are relevant for your school. You can also add up to eight customised questions for your school, if you feel that something is missing.

Please note that primary level has fewer and more simplified questions for the students. Some questions for vocational schools also have a different wording to match their context and links with work and industry.

Almost all SELFIE questions are answered on a five-point scale (including any questions you create for your school):

1. Strongly disagree – I/we/they do not do this // Strongly disagree –In my experience, this is not true at all

2. Disagree

3. Slightly agree

4. Agree

5. Strongly agree – I/we/they do this really well // Strongly agree –In my experience, this is very true

The Not Applicable (N/A) option is also available.

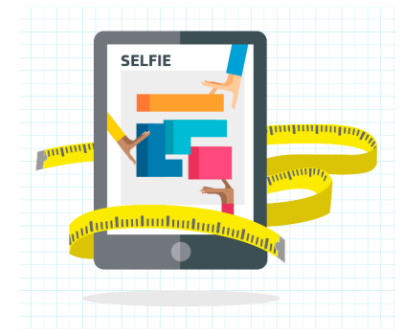When the answer scales are different this is indicated in a footnote.

You can find more information and guidance on the SELFIE website: https://ec.europa.eu/education/schools-go-digital

See questions for:

Primary education

General lower and upper Secondary education

Upper-secondary vocational education

The SELFIE team

Questionnaires for primary schools

Area A: Leadership

This area relates to the role of leadership in the school-wide integration of digital technologies and their effective use for the school's core work: teaching and learning.

Answer options: five-point scales and not applicable (N/A)

Item Code[1]	Item title	SCHOOL LEADER	TEACHER	STUDENT
A1	Digital strategy	In our school, we have a **digital strategy**	In our school, we have a **digital strategy**	
A2	Strategy development with teachers	We develop the **digital strategy** for our school together **with the teachers**	Our school leaders **involve us teachers in** the development of the **school's digital strategy**	
A3	New ways of teaching	We support teachers to try out **new ways of teaching with digital technologies**	Our school leaders support me in trying out **new ways of teaching with digital technologies**	
A4	Progress review	In our school, we **review our progress** in teaching and learning with digital technologies	In our school, we **review our progress** in teaching and learning with digital technologies	
A5	Discussion on the use of technology	In our school, we discuss the **advantages and disadvantages** of teaching and learning with digital technologies	In our school, we discuss the **advantages and disadvantages** of teaching and learning with digital technologies	In our school, we talk with teachers about the **advantages and disadvantages** of using technology for learning
A6	Partnerships	In our school, we use digital technologies in our **partnerships** with other organisations	In our school, we use digital technologies in our **partnerships** with other organisations	
A7 OP	Time to explore digital teaching	*In our school, teachers have **time to explore** how to improve their teaching with digital technologies*	*In our school, I have **time to explore** how to improve my teaching with digital technologies*	
A8 OP	Copyright and licensing rules	*In our school, we apply **copyright and licensing rules** when using digital technologies for teaching and learning*	*In our school, we apply **copyright and licensing rules** when using digital technologies for teaching and learning*	

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[1] This code is also used in the SELFIE school report to identify the questions

Area B: Infrastructure and Equipment

This area is about having adequate, reliable and secure infrastructure (such as equipment, software, information resources, internet connection, technical support or physical space). This can enable and facilitate innovative teaching, learning and assessment practices.

Answer options: five-point scale and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
B1	Infrastructure	In our school, the digital **infrastructure** supports teaching and learning with digital technologies	In our school, the digital **infrastructure** supports teaching and learning with digital technologies	
B2	Digital devices for teaching	In our school, there are **digital devices to use for teaching**	In our school, there are **digital devices for me to use for teaching**	
B3	Internet access	In our school, there is **access to the Internet** for teaching and learning	In our school, there is **access to the Internet** for teaching and learning	In our school, I have **access to the Internet for learning**
B4	Technical support	In our school, **technical support** is available in case of problems with digital technologies	In our school, **technical support** is available in case of problems with digital technologies	In our school, technical support is available when I **face problems with technology**
B5	Data protection	In our school, there are **data protection** systems in place	In our school, there are **data protection** systems in place	
B6	Digital devices for learning	In our school, there are school-owned/managed **digital devices for students to use** when they need them	In our school, there are school-owned/managed **digital devices for students to use** when they need them	In our school, there **are computers or tablets for me to use**
B7 OP	Bring your own device	*In our school, students bring and use their **own portable devices** during lessons*	*In our school, students bring and use their **own portable devices** during lessons*	
B8 OP	Physical spaces	*In our school, **physical spaces** support teaching and learning with digital technologies*	*In our school, **physical spaces** support teaching and learning with digital technologies*	
B9 OP	Assistive technologies	*In our school, students in need of special support have access to **assistive technologies***	*In our school, students in need of special support have access to **assistive technologies***	
B10 OP	Online libraries/repositories	*In our school, there are **online libraries or repositories** with **teaching and learning materials***	*In our school, there are **online libraries or repositories** with **teaching and learning materials***	

Area C: Continuing Professional Development – Part 1

This area looks at whether or not the school facilitates and invests in the continuing professional development (CPD) of its staff at all levels. CPD can support the development and integration of new modes of teaching and learning that harness digital technologies to achieve better learning outcomes.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
C1	CPD needs	We discuss with our teachers their **CPD needs** for teaching with digital technologies	Our school leaders discuss with us our **CPD needs** for teaching with digital technologies	
C2	Participation in CPD	Our **teachers have opportunities to participate in CPD** for teaching and learning with digital technologies	I have **opportunities to participate in CPD** for teaching and learning with digital technologies	
C3	Sharing experiences	We support our teachers to **share experiences** within the school community about teaching with digital technologies	Our school leaders support us to **share experiences** within school about teaching with digital technologies	

Area C: Continuing Professional Development - Part 2

Answer options: Not at all useful; Not useful; A little bit useful; Useful; Very useful; Did not participate

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
-	Usefulness of CPD activity		If you have participated within the last year in any of the following CPD activities on the pedagogical use of digital technologies, please indicate their usefulness to you	
-	Face-to-face professional learning		Face-to-face courses, seminars or conferences outside school	
-	Online professional learning		Online courses, webinars or online conferences	
-	Learning through collaboration		Learning from other teachers within your school through online or offline collaboration	
-	Learning through professional networks		Learning from other teachers through online teachers' networks or communities of practice (such as eTwinning)	
-	In-house mentoring/coaching		In-house mentoring or coaching, as part of a formal school arrangement	
-	Other in-house training		Other in-house training sessions organised by the school (for instance workshops by the ICT Coordinator or observing colleagues teaching)	
-	Study visits		Study visits (for instance to other schools, businesses or organisations)	
-	Accredited programmes		Accredited programmes (for instance short accredited courses, degree programmes)	
-	Other CPD opportunities		Other CPD opportunities related to teaching with digital technologies (please specify) [text box]	
Open	Examples of effective CPD activity	Please give an example of a CPD activity on the pedagogical use of digital technologies you found particularly effective for you		

Area D: Teaching and Learning - Part 1 | Teacher Digital Competence

Using digital technologies for more effective learning mean updating and innovating teaching and learning practices.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
D1	Online educational resources	Our teachers **search online for** digital educational **resources**	I **search online** for digital educational resources	
D2	Creating digital resources	Our teachers **create digital resources** to support their teaching	I **create digital resources** to support my teaching	
D3	Using virtual learning environments	Our teachers use **virtual learning environments with students**	I use **virtual learning environments with students**	
D4	Communicating with the school community	Our teachers use digital technologies for **school-related communication**	I use digital technologies for **school-related communication**	
D5	Keeping data secure	Our teachers **keep** school-related digital **data secure**	I **keep** school-related digital **data secure**	
D11 OP	Open educational resources	*Our teachers use **open educational resources***	*I use **open educational resources***	
Open	Useful technology for teaching		Please give an example of a digital technology (equipment, software, platform, resource...) you find really useful for teaching	

Area D: Teaching and Learning - Part 2 | Practices

Using digital technologies for more effective learning mean updating and innovating teaching and learning practices.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
D6	Tailoring to students' needs	Our teachers use digital technologies to **tailor their teaching** to students' individual needs	I use digital technologies to **tailor my teaching** to students' individual needs	In our school, teachers give us **different activities** to do using technology that **suit our needs**
D7	Fostering creativity	Our teachers use digital learning activities that **foster students' creativity**	I use digital technologies to **foster students' creativity**	
D8	Engaging students	Our teachers set digital learning activities that **engage students**	I set digital learning activities that **engage students**	In our school, I **participate more** when we use technology
D9	Student collaboration	Our teachers use digital technologies to facilitate **student collaboration**	I use digital technologies to facilitate **student collaboration**	In our school, we use technology for **group work**
D10	Cross-curricular projects	Our teachers engage students in using digital technologies for **cross-curricular projects**	I engage students in using digital technologies in **cross-curricular projects**	

Area E: Assessment Practices

This area relates to measures that schools may consider in order to gradually shift the balance from traditional assessment towards a more comprehensive repertoire of practices. This repertoire could include technology-enabled assessment practices that are student-centred, personalised and authentic.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
E1	Digital assessment	We support teachers in using digital technologies for **assessment**	Our school leaders support me in using digital technologies for **assessment**	
E2	Assessing skills	Our teachers use digital technologies to **assess students' skills**	I use digital technologies to **assess students' skills**	
E3	Timely feedback	Our teachers use digital technologies to provide **timely feedback** to students	I use digital technologies to provide **timely feedback** to students	
E4	Self-reflection on learning	Our teachers use digital technologies to enable students to **reflect on their own learning**	I use digital technologies to enable students to **reflect on their own learning**	
E5	Feedback to other students	Our teachers use digital technologies to enable **students** to provide **feedback on other students' work**	I use digital technologies to enable students to provide **feedback on other students' work**	
E6 OP	Documenting learning	*Our teachers enable students to use digital technologies to **document their learning***	*I enable students to use digital technologies to **document their learning***	
E7 OP	Using data to improve learning	*Our teachers **use digital data** about individual students to improve their learning experience*	*I **use digital data** about individual students to improve their learning experience*	
E8 OP	Valuing skills developed outside school	*Our teachers **value digital skills** that students have developed outside school*	*I **value digital skills** that students have developed outside school*	

Area F: Student Digital Competence

This area relates to the set of skills, knowledge and attitudes that enable the confident, creative and critical use of digital technologies by students.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
F1	Digital skills across subjects	We ensure that students develop their **digital skills across subjects**	Our school leaders ensure that students develop their **digital skills across subjects**	In our school, I use technology in **different subjects**
F2	Safe behaviour	In our school, students learn how to **behave safely online**	In our school, students learn how to **behave safely online**	In our school, I learn how to **behave safely online**
F3	Responsible behaviour	In our school, students learn how to **behave responsibly** when they are online	In our school, students learn how to **behave responsibly** when they are online	In our school, I learn how to **behave responsibly and respect others** when I am online
F4	Checking quality of information	In our school, students learn how to check that the information they find online is **reliable and accurate**	In our school, students learn how to check that the information they find online is **reliable and accurate**	In our school, I learn how to check that the information I find online is **reliable and accurate**
F5	Giving credit to others' work	In our school, students learn **how to give credit to others' work** they have found online	In our school, students learn **how to give credit to others' work** they have found online	
F6	Creating digital content	In our school, students learn to **create digital content**	In our school, students learn to **create digital content**	
F7	Learning to communicate	In our school, students learn to **communicate using digital technologies**	In our school, students learn to **communicate using digital technologies**	
F8 OP	Learning coding or programming	*In our school, students learn **coding** or **programming***	*In our school, students learn **coding** or **programming***	*In our school, I learn **coding** or **programming***
F9 OP	Solving technical problems	*In our school, students learn how to **solve technical problems** when using digital technologies*	*In our school, students learn how to **solve technical problems** when using digital technologies*	

A bit about you

Item title	SCHOOL LEADER	TEACHER	STUDENT
Age	Age[2]	Age[2]	What year were you born?
Gender	Gender	Gender	Gender
Work experience in education	Including this school year, how many years of work experience do you have in education in total?[3]	Including this school year, how many years of work experience do you have in education in total?[3]	
Adoption of technology	Which best describes your approach to using digital technologies for teaching and learning?[4]	Which best describes your approach to using digital technologies for teaching and learning?[4]	
Negative factors for technology use	Is teaching and learning with digital technologies in your school negatively affected by the following factors?[5]	Is teaching and learning with digital technologies in your school negatively affected by the following factors?[5]	
Confidence in using technology		How confident are you in the use of digital technologies in the following areas?	
Preparing lessons		Preparing lessons by editing or creating a variety of digital resources (for instance slide show, images, audio or video) [6]	
Class teaching		Class teaching using a variety of devices (such as interactive whiteboards, video projectors) and resources (for instance online quizzes, mind maps, simulations)[6]	
Feedback and support		Assessing or providing personal feedback and support to students[6]	
Communication		Communicating with students and parents[6]	

[2] Under 25; 25-29; 30-39; 40-49; 50-59; 60 or more; Prefer not to say

[3] Less than 1 year; 1-2 years; 3-5 years; 6-10 years; 11-15 years; 16-20 years; More than 20 years; Prefer not to say

[4] I tend to use digital technologies after the majority of my colleagues; I tend to use digital technologies at the pace of the majority of my colleagues; I tend to be an early adopter where I see clear benefits; I am usually among the innovators who try out new technologies; Prefer not to say

[5] Lack of funding; Insufficient digital equipment; Unreliable or slow internet connection; School space restrictions; Limited or no technical support; Lack of time for teachers; Low digital competence of teachers; Low digital competence of students; Other

[6] Not at all confident; Not confident; A little bit confident; Confident; Very confident; Prefer not to say

A bit about you

Item title	SCHOOL LEADER	TEACHER	STUDENT
Percentage of time for digital teaching		For what percentage of teaching time have you used digital technologies in class in the past 3 months?[7]	
Time use			How often do you do the following (At school; Outside school)?
Technology at school			Use technology **at school** for school-related work[8]
Technology at home for schoolwork			Use technology **at home** for school-related work[8]
Technology outside school for learning			Use technology **outside school** for learning activities not related to school[8]
Technology at home for fun			Use technology **at home** for fun activities[8]
No technology outside school			Take part in activities **outside school** in which no technology is used[8]

[7] 0-10%; 11-25%; 26-50%; 51-75%; 76-100%; Prefer not to say

[8] Never or hardly ever; At least once a month but not every week; At least once a week but not every day; Up to one hour every day; More than one hour every day; Prefer not to say

Finally, your feedback on SELFIE

Item title	SCHOOL LEADER	TEACHER	STUDENT
Overall score	If you were to review SELFIE. What score would you give it out of 10?	If you were to review SELFIE. What score would you give it out of 10?	If you were to review SELFIE. What score would you give it out of 10?
Recommending SELFIE	How likely is it that you would recommend SELFIE to a colleague?[9]	How likely is it that you would recommend SELFIE to a colleague?[9]	
Suggestions for improvement	How can we improve SELFIE further? Share your ideas and suggestions with us.	How can we improve SELFIE further? Share your ideas and suggestions with us.	How can we improve SELFIE further? Share your ideas and suggestions with us.

[9] Not at all likely; Not very likely; Somewhat likely; Very likely; Extremely likely; Prefer not to say

Questionnaires for general lower and upper secondary schools

Area A: Leadership

This area relates to the role of leadership in the school-wide integration of digital technologies and their effective use for the school's core work: teaching and learning.

Answer options: five-point scales and not applicable (N/A)

Item code[1]	Item title	SCHOOL LEADER	TEACHER	STUDENT
A1	Digital strategy	In our school, we have a **digital strategy**	In our school, we have a **digital strategy**	
A2	Strategy development with teachers	We develop the **digital strategy** for our school together **with the teachers**	Our school leaders **involve us teachers in** the development of the **school's digital strategy**	
A3	New ways of teaching	We support teachers to try out **new ways of teaching with digital technologies**	Our school leaders support me in trying out **new ways of teaching with digital technologies**	
A4	Progress review	In our school, we **review our progress** in teaching and learning with digital technologies	In our school, we **review our progress** in teaching and learning with digital technologies	
A5	Discussion on the use of technology	In our school, we discuss the **advantages and disadvantages** of teaching and learning with digital technologies	In our school, we discuss the **advantages and disadvantages** of teaching and learning with digital technologies	In our school, we talk with teachers about the **advantages and disadvantages** of using technology for learning
A6	Partnerships	In our school, we use digital technologies in our **partnerships** with other organisations	In our school, we use digital technologies in our **partnerships** with other organisations	
A7 OP	Time to explore digital teaching	*In our school, teachers have **time to explore** how to improve their teaching with digital technologies*	*In our school, I have **time to explore** how to improve my teaching with digital technologies*	
A8 OP	Copyright and licensing rules	*In our school, we apply **copyright and licensing rules** when using digital technologies for teaching and learning*	*In our school, we apply **copyright and licensing rules** when using digital technologies for teaching and learning*	

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[1] This code is also used in the SELFIE school report to identify the questions

Area B: Infrastructure and Equipment

This area is about having adequate, reliable and secure infrastructure (such as equipment, software, information resources, internet connection, technical support or physical space). This can enable and facilitate innovative teaching, learning and assessment practices.

Answer options: five-point scale and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
B1	Infrastructure	In our school, the digital **infrastructure** supports teaching and learning with digital technologies	In our school, the digital **infrastructure** supports teaching and learning with digital technologies	
B2	Digital devices for teaching	In our school, there are **digital devices to use for teaching**	In our school, there are **digital devices for me to use for teaching**	
B3	Internet access	In our school, there is **access to the Internet** for teaching and learning	In our school, there is **access to the Internet** for teaching and learning	In our school, I have **access to the Internet for learning**
B4	Technical support	In our school, **technical support** is available in case of problems with digital technologies	In our school, **technical support** is available in case of problems with digital technologies	In our school, technical support is available when I **face problems with technology**
B5	Data protection	In our school, there are **data protection** systems in place	In our school, there are **data protection** systems in place	
B6	Digital devices for learning	In our school, there are school-owned/managed **digital devices for students to use** when they need them	In our school, there are school-owned/managed **digital devices for students to use** when they need them	In our school, there are computers or tablets for me to use
B7 OP	Bring your own device	*In our school, students bring and use their **own portable devices** during lessons*	*In our school, students bring and use their **own portable devices** during lessons*	*In our school, I can bring and use **my own portable device** during lessons*
B8 OP	Physical spaces	*In our school, **physical spaces** support teaching and learning with digital technologies*	*In our school, **physical spaces** support teaching and learning with digital technologies*	
B9 OP	Assistive technologies	*In our school, students in need of special support have access to **assistive technologies***	*In our school, students in need of special support have access to **assistive technologies***	
B10 OP	Online libraries/repositories	*In our school, there are **online libraries or repositories** with **teaching and learning materials***	*In our school, there are **online libraries or repositories** with **teaching and learning materials***	*In our school, there are online libraries with **learning materials** for my schoolwork*

Area C: Continuing Professional Development – Part 1

This area looks at whether or not the school facilitates and invests in the continuing professional development (CPD) of its staff at all levels. CPD can support the development and integration of new modes of teaching and learning that harness digital technologies to achieve better learning outcomes.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
C1	CPD needs	We discuss with our teachers their **CPD needs** for teaching with digital technologies	Our school leaders discuss with us our **CPD needs** for teaching with digital technologies	
C2	Participation in CPD	Our **teachers have opportunities to participate in CPD** for teaching and learning with digital technologies	I have **opportunities to participate in CPD** for teaching and learning with digital technologies	
C3	Sharing experiences	We support our teachers to **share experiences** within the school community about teaching with digital technologies	Our school leaders support us to **share experiences** within school about teaching with digital technologies	

Area C: Continuing Professional Development - Part 2

Answer options: Not at all useful; Not useful; A little bit useful; Useful; Very useful; Did not participate

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
-	Usefulness of CPD activity		If you have participated within the last year in any of the following CPD activities on the pedagogical use of digital technologies, please indicate their usefulness to you	
-	Face-to-face professional learning		Face-to-face courses, seminars or conferences outside school	
-	Online professional learning		Online courses, webinars or online conferences	
-	Learning through collaboration		Learning from other teachers within your school through online or offline collaboration	
-	Learning through professional networks		Learning from other teachers through online teachers' networks or communities of practice (such as eTwinning)	
-	In-house mentoring/coaching		In-house mentoring or coaching, as part of a formal school arrangement	
-	Other in-house training		Other in-house training sessions organised by the school (for instance workshops by the ICT Coordinator or observing colleagues teaching)	
-	Study visits		Study visits (for instance to other schools, businesses or organisations)	
-	Accredited programmes		Accredited programmes (for instance short accredited courses, degree programmes)	
-	Other CPD opportunities		Other CPD opportunities related to teaching with digital technologies (please specify) [text box]	
Open	Examples of effective CPD activity	Please give an example of a CPD activity on the pedagogical use of digital technologies you found particularly effective for you		

Area D: Teaching and Learning - Part 1 | Teacher Digital Competence

Using digital technologies for more effective learning mean updating and innovating teaching and learning practices.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
D1	Online educational resources	Our teachers **search online for** digital educational **resources**	I **search online** for digital educational resources	
D2	Creating digital resources	Our teachers **create digital resources** to support their teaching	I **create digital resources** to support my teaching	
D3	Using virtual learning environments	Our teachers use **virtual learning environments with students**	I use **virtual learning environments with students**	Our teachers use **online platforms**, to which we can also contribute, to facilitate our learning
D4	Communicating with the school community	Our teachers use digital technologies for **school-related communication**	I use digital technologies for **school-related communication**	
D5	Keeping data secure	Our teachers **keep** school-related digital **data secure**	I **keep** school-related digital **data secure**	
D11 OP	Open educational resources	*Our teachers use **open educational resources***	*I use **open educational resources***	
Open	Useful technology for teaching		Please give an example of a digital technology (equipment, software, platform, resource...) you find really useful for teaching	

Area D: Teaching and Learning - Part 2 | Practices

Using digital technologies for more effective learning mean updating and innovating teaching and learning practices.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
D6	Tailoring to students' needs	Our teachers use digital technologies to **tailor their teaching** to students' individual needs	I use digital technologies to **tailor my teaching** to students' individual needs	In our school, teachers give us **different activities** to do using technology that **suit our needs**
D7	Fostering creativity	Our teachers use digital learning activities that **foster students' creativity**	I use digital technologies to **foster students' creativity**	In our school, I use technology for **creative activities**
D8	Engaging students	Our teachers set digital learning activities that **engage students**	I set digital learning activities that **engage students**	In our school, I **participate more** when we use technology
D9	Student collaboration	Our teachers use digital technologies to facilitate **student collaboration**	I use digital technologies to facilitate **student collaboration**	In our school, we use technology for **group work**
D10	Cross-curricular projects	Our teachers engage students in using digital technologies for **cross-curricular projects**	I engage students in using digital technologies in **cross-curricular projects**	In our school, we use technology for **projects** that combine different subjects

Area E: Assessment Practices

This area relates to measures that schools may consider in order to gradually shift the balance from traditional assessment towards a more comprehensive repertoire of practices. This repertoire could include technology-enabled assessment practices that are student-centred, personalised and authentic.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
E1	Digital assessment	We support teachers in using digital technologies for **assessment**	Our school leaders support me in using digital technologies for **assessment**	
E2	Assessing skills	Our teachers use digital technologies to **assess students' skills**	I use digital technologies to **assess students' skills**	
E3	Timely feedback	Our teachers use digital technologies to provide **timely feedback** to students	I use digital technologies to provide **timely feedback** to students	In our school, we use technology to get **timely feedback** on our learning
E4	Self-reflection on learning	Our teachers use digital technologies to enable students to **reflect on their own learning**	I use digital technologies to enable students to **reflect on their own learning**	In our school, I use technology to **understand my strengths and weaknesses** as a learner
E5	Feedback to other students	Our teachers use digital technologies to enable **students** to provide **feedback on other students' work**	I use digital technologies to enable students to provide **feedback on other students' work**	In our school, I use technology to **provide feedback to other students**
E6 OP	Documenting learning	*Our teachers enable students to use digital technologies to **document their learning***	*I enable students to use digital technologies to **document their learning***	*In our school, I use technology to keep a record of my learning*
E7 OP	Using data to improve learning	*Our teachers **use digital data** about individual students to improve their learning experience*	*I **use digital data** about individual students to improve their learning experience*	
E8 OP	Valuing skills developed outside school	*Our teachers **value digital skills** that students have developed outside school*	*I **value digital skills** that students have developed outside school*	*Our teachers value digital skills that I have developed outside school*

Area F: Student Digital Competence

This area relates to the set of skills, knowledge and attitudes that enable the confident, creative and critical use of digital technologies by students.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
F1	Digital skills across subjects	We ensure that students develop their **digital skills across subjects**	Our school leaders ensure that students develop their **digital skills across subjects**	In our school, I use technology in **different subjects**
F2	Safe behaviour	In our school, students learn how to **behave safely online**	In our school, students learn how to **behave safely online**	In our school, I learn how to **behave safely online**
F3	Responsible behaviour	In our school, students learn how to **behave responsibly** when they are online	In our school, students learn how to **behave responsibly** when they are online	In our school, I learn how to **behave responsibly and respect others** when I am online
F4	Checking quality of information	In our school, students learn how to check that the information they find online is **reliable and accurate**	In our school, students learn how to check that the information they find online is **reliable and accurate**	In our school, I learn how to check that the information I find online is **reliable and accurate**
F5	Giving credit to others' work	In our school, students learn **how to give credit to others' work** they have found online	In our school, students learn **how to give credit to others' work** they have found online	In our school, I learn **how to use others' work** I have found online
F6	Creating digital content	In our school, students learn to **create digital content**	In our school, students learn to **create digital content**	In our school, I learn how to **create digital content**
F7	Learning to communicate	In our school, students learn to **communicate using digital technologies**	In our school, students learn to **communicate using digital technologies**	In our school, I learn how to **communicate using technology**
F8 OP	Learning coding or programming	*In our school, students learn **coding** or **programming***	*In our school, students learn **coding** or **programming***	*In our school, I learn **coding** or **programming***
F9 OP	Solving technical problems	*In our school, students learn how to **solve technical problems** when using digital technologies*	*In our school, students learn how to **solve technical problems** when using digital technologies*	*In our school, I learn how to **solve technical problems** when using technology*

A bit about you

Item title	SCHOOL LEADER	TEACHER	STUDENT
Age	Age[2]	Age[2]	What year were you born?
Gender	Gender	Gender	Gender
Work experience in education	Including this school year, how many years of work experience do you have in education in total?[3]	Including this school year, how many years of work experience do you have in education in total?[3]	
Adoption of technology	Which best describes your approach to using digital technologies for teaching and learning?[4]	Which best describes your approach to using digital technologies for teaching and learning?[4]	
Negative factors for technology use	Is teaching and learning with digital technologies in your school negatively affected by the following factors?[5]	Is teaching and learning with digital technologies in your school negatively affected by the following factors?[5]	
Confidence in using technology		How confident are you in the use of digital technologies in the following areas?	
Preparing lessons		Preparing lessons by editing or creating a variety of digital resources (for instance slide show, images, audio or video)[6]	
Class teaching		Class teaching using a variety of devices (such as interactive whiteboards, video projectors) and resources (for instance online quizzes, mind maps, simulations)[6]	
Feedback and support		Assessing or providing personal feedback and support to students[6]	
Communication		Communicating with students and parents[6]	

[2] Under 25; 25-29; 30-39; 40-49; 50-59; 60 or more; Prefer not to say

[3] Less than 1 year; 1-2 years; 3-5 years; 6-10 years; 11-15 years; 16-20 years; More than 20 years; Prefer not to say

[4] I tend to use digital technologies after the majority of my colleagues; I tend to use digital technologies at the pace of the majority of my colleagues; I tend to be an early adopter where I see clear benefits; I am usually among the innovators who try out new technologies; Prefer not to say

[5] Lack of funding; Insufficient digital equipment; Unreliable or slow internet connection; School space restrictions; Limited or no technical support; Lack of time for teachers; Low digital competence of teachers; Low digital competence of students; Other

[6] Not at all confident; Not confident; A little bit confident; Confident; Very confident; Prefer not to say

A bit about you

Item title	SCHOOL LEADER	TEACHER	STUDENT
Percentage of time for digital teaching		For what percentage of teaching time have you used digital technologies in class in the past 3 months?[7]	
Time use			How often do you do the following (At school; Outside school)?
Technology at school			Use technology **at school** for school-related work[8]
Technology at home for schoolwork			Use technology **at home** for school-related work[8]
Technology outside school for learning			Use technology **outside school** for learning activities not related to school[8]
Technology at home for fun			Use technology **at home** for fun activities[8]
No technology outside school			Take part in activities **outside school** in which no technology is used[8]

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[7] 0-10%; 11-25%; 26-50%; 51-75%; 76-100%; Prefer not to say

[8] Never or hardly ever; At least once a month but not every week; At least once a week but not every day; Up to one hour every day; More than one hour every day; Prefer not to say

Finally, your feedback on SELFIE

Item title	SCHOOL LEADER	TEACHER	STUDENT
Overall score	If you were to review SELFIE. What score would you give it out of 10?	If you were to review SELFIE. What score would you give it out of 10?	If you were to review SELFIE. What score would you give it out of 10?
Recommending SELFIE	How likely is it that you would recommend SELFIE to a colleague?[9]	How likely is it that you would recommend SELFIE to a colleague?[9]	
Suggestions for improvement	How can we improve SELFIE further? Share your ideas and suggestions with us.	How can we improve SELFIE further? Share your ideas and suggestions with us.	How can we improve SELFIE further? Share your ideas and suggestions with us.

[9] Not at all likely; Not very likely; Somewhat likely; Very likely; Extremely likely; Prefer not to say

Questionnaires for upper-secondary vocational schools

Area A: Leadership

This area relates to the role of leadership in the school-wide integration of digital technologies and their effective use for the school's core work: teaching and learning.

Answer options: five-point scales and not applicable (N/A)

Item code[1]	Item title	SCHOOL LEADER	TEACHER	STUDENT
A1	Digital strategy	In our school, we have a **digital strategy**	In our school, we have a **digital strategy**	
A2	Strategy development with teachers	We develop the **digital strategy** for our school together **with the teachers**	Our school leaders **involve us teachers in** the development of the **school's digital strategy**	
A3	New ways of teaching	We support teachers to try out **new ways of teaching with digital technologies**	Our school leaders support me in trying out **new ways of teaching with digital technologies**	
A4	Progress review	In our school, we **review our progress** in teaching and learning with digital technologies	In our school, we **review our progress** in teaching and learning with digital technologies	
A5	Discussion on the use of technology	In our school, we discuss the **advantages and disadvantages** of teaching and learning with digital technologies	In our school, we discuss the **advantages and disadvantages** of teaching and learning with digital technologies	In our school, we talk with teachers about the **advantages and disadvantages** of using technology for learning
A6	Partnerships	In our school, we use digital technologies in our **partnerships** with other organisations	In our school, we use digital technologies in our **partnerships** with other organisations	
A9	Involving companies in strategy	**In our school, companies we collaborate with are involved** in the development of the school's digital strategy	**In our school, companies we collaborate with are involved** in the development of the school's digital strategy	
A7 OP	Time to explore digital teaching	*In our school, teachers have **time to explore** how to improve their teaching with digital technologies*	*In our school, I have **time to explore** how to improve my teaching with digital technologies*	
A8 OP	Copyright and licensing rules	*In our school, we apply **copyright and licensing rules** when using digital technologies for teaching and learning*	*In our school, we apply **copyright and licensing rules** when using digital technologies for teaching and learning*	

[1] This code is also used in the SELFIE school report to identify the questions

Area B: Infrastructure and Equipment

This area is about having adequate, reliable and secure infrastructure (such as equipment, software, information resources, internet connection, technical support or physical space). This can enable and facilitate innovative teaching, learning and assessment practices.

Answer options: five-point scale and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
B1	Infrastructure	In our school, the digital **infrastructure** supports teaching and learning with digital technologies	In our school, the digital **infrastructure** supports teaching and learning with digital technologies	
B2	Digital devices for teaching	In our school, there are **digital devices to use for teaching**	In our school, there are **digital devices for me to use for teaching**	
B3	Internet access	In our school, there is **access to the Internet** for teaching and learning	In our school, there is **access to the Internet** for teaching and learning	In our school, I have **access to the Internet for learning**
B4	Technical support	In our school, **technical support** is available in case of problems with digital technologies	In our school, **technical support** is available in case of problems with digital technologies	In our school, technical support is available when I **face problems with technology**
B5	Data protection	In our school, there are **data protection** systems in place	In our school, there are **data protection** systems in place	
B11	Database of training providers	In our school, students have access to a **database of in-company training providers**	In our school, students have access to a **database of in-company training providers**	In our school, I have access to a **database of companies providing traineeships, apprenticeships and other opportunities**
B6	Digital devices for learning	In our school, there are school-owned/managed **digital devices for students to use** when they need them	In our school, there are school-owned/managed **digital devices for students to use** when they need them	In our school, there are computers or tablets for me to use
B7 OP	Bring your own device	*In our school, students bring and use their **own portable devices** during lessons*	*In our school, students bring and use their **own portable devices** during lessons*	*In our school, I can bring and use **my own portable device** during lessons*
B8 OP	Physical spaces	*In our school, **physical spaces** support teaching and learning with digital technologies*	*In our school, **physical spaces** support teaching and learning with digital technologies*	
B9 OP	Assistive technologies	*In our school, students in need of special support have access to **assistive technologies***	*In our school, students in need of special support have access to **assistive technologies***	
B10 OP	Online libraries/repositories	*In our school, there are **online libraries or repositories** with **teaching and learning materials***	*In our school, there are **online libraries or repositories** with **teaching and learning materials***	*In our school, there are online libraries with **learning materials** for my schoolwork*

Area C: Continuing Professional Development – Part 1

This area looks at whether or not the school facilitates and invests in the continuing professional development (CPD) of its staff at all levels. CPD can support the development and integration of new modes of teaching and learning that harness digital technologies to achieve better learning outcomes.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
C1	CPD needs	We discuss with our teachers their **CPD needs** for teaching with digital technologies	Our school leaders discuss with us our **CPD needs** for teaching with digital technologies	
C2	Participation in CPD	Our **teachers have opportunities to participate in CPD** for teaching and learning with digital technologies	I have **opportunities to participate in CPD** for teaching and learning with digital technologies	
C3	Sharing experiences	We support our teachers to **share experiences** within the school community about teaching with digital technologies	Our school leaders support us to **share experiences** within school about teaching with digital technologies	
C4	CPD opportunities	Our teachers have **CPD** opportunities in the use of digital technologies, **specific to the courses** they teach	I have CPD opportunities on the use of digital technologies, **specific to the vocational courses** I teach	

Area C: Continuing Professional Development - Part 2

Answer options: Not at all useful; Not useful; A little bit useful; Useful; Very useful; Did not participate

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
-	Usefulness of CPD activity		If you have participated within the last year in any of the following CPD activities on the pedagogical use of digital technologies, please indicate their usefulness to you	
-	Face-to-face professional learning		Face-to-face courses, seminars or conferences outside school	
-	Online professional learning		Online courses, webinars or online conferences	
-	Learning through collaboration		Learning from other teachers within your school through online or offline collaboration	
-	Learning through professional networks		Learning from other teachers through online teachers' networks or communities of practice (such as eTwinning)	
-	In-house mentoring/coaching		In-house mentoring or coaching, as part of a formal school arrangement	
-	Other in-house training		Other in-house training sessions organised by the school (for instance workshops by the ICT Coordinator or observing colleagues teaching)	
-	Study visits		Study visits (for instance to other schools, businesses or organisations)	
-	Accredited programmes		Accredited programmes (for instance short accredited courses, degree programmes)	
-	Other CPD opportunities		Other CPD opportunities related to teaching with digital technologies (please specify) [text box]	
-	Examples of effective CPD activity	Please give an example of a CPD activity on the pedagogical use of digital technologies you found particularly effective for you		

Area D: Teaching and Learning - Part 1 | Teacher Digital Competence

Using digital technologies for more effective learning mean updating and innovating teaching and learning practices.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
D1	Online educational resources	Our teachers **search online for** digital educational **resources**	I **search online** for digital educational resources	
D2	Creating digital resources	Our teachers **create digital resources** to support their teaching	I **create digital resources** to support my teaching	
D3	Using virtual learning environments	Our teachers use **virtual learning environments with students**	I use **virtual learning environments with students**	Our teachers use **online platforms**, to which we can also contribute, to facilitate our learning
D4	Communicating with the school community	Our teachers use digital technologies for **school-related communication**	I use digital technologies for **school-related communication**	
D5	Keeping data secure	Our teachers **keep** school-related digital **data secure**	I **keep** school-related digital **data secure**	
D11 OP	Open educational resources	*Our teachers use **open educational resources***	*I use **open educational resources***	
Open	Useful technology for teaching		Please give an example of a digital technology (equipment, software, platform, resource...) you find really useful for teaching	

Area D: Teaching and Learning - Part 2 | Practices

Using digital technologies for more effective learning mean updating and innovating teaching and learning practices.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
D6	Tailoring to students' needs	Our teachers use digital technologies to **tailor their teaching** to students' individual needs	I use digital technologies to **tailor my teaching** to students' individual needs	In our school, teachers give us **different activities** to do using technology that **suit our needs**
D7	Fostering creativity	Our teachers use digital learning activities that **foster students' creativity**	I use digital technologies to **foster students' creativity**	In our school, I use technology for **creative activities**
D8	Engaging students	Our teachers set digital learning activities that **engage students**	I set digital learning activities that **engage students**	In our school, I **participate more** when we use technology
D9	Student collaboration	Our teachers use digital technologies to facilitate **student collaboration**	I use digital technologies to facilitate **student collaboration**	In our school, we use technology for **group work**
D10	Cross-curricular projects	Our teachers engage students in using digital technologies for **cross-curricular projects**	I engage students in using digital technologies in **cross-curricular projects**	In our school, we use technology for **projects** that combine different subjects
D12 OP	Career guidance	*In our school, we use digital technologies for **career guidance***	*In our school, we use digital technologies for **career guidance***	*In our school, we use technology for **career guidance***

Area E: Assessment Practices

This area relates to measures that schools may consider in order to gradually shift the balance from traditional assessment towards a more comprehensive repertoire of practices. This repertoire could include technology-enabled assessment practices that are student-centred, personalised and authentic.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
E1	Digital assessment	We support teachers in using digital technologies for **assessment**	Our school leaders support me in using digital technologies for **assessment**	
E2	Assessing skills	Our teachers use digital technologies to **assess students' skills**	I use digital technologies to **assess students' skills**	
E3	Timely feedback	Our teachers use digital technologies to provide **timely feedback** to students	I use digital technologies to provide **timely feedback** to students	In our school, we use technology to get **timely feedback** on our learning
E4	Self-reflection on learning	Our teachers use digital technologies to enable students to **reflect on their own learning**	I use digital technologies to enable students to **reflect on their own learning**	In our school, I use technology to **understand my strengths and weaknesses** as a learner
E5	Feedback to other students	Our teachers use digital technologies to enable **students** to provide **feedback on other students' work**	I use digital technologies to enable students to provide **feedback on other students' work**	In our school, I use technology to **provide feedback to other students**
E6 OP	Documenting learning	*Our teachers enable students to use digital technologies to **document what they have learned** relevant to their qualification*	*I enable students to use digital technologies to **document what they have learned** relevant to their qualification*	*In our school, I use technology to **keep a record of what I have learned** relevant to my field of study*
E7 OP	Using data to improve learning	*Our teachers **use digital data** about individual students to improve their learning experience*	*I **use digital data** about individual students to improve their learning experience*	
E8 OP	Valuing skills developed outside school	*Our teachers **value digital skills** that students have developed outside school and work-based settings*	*I **value digital skills** that students have developed outside school and work-based settings*	*Our teachers **value digital skills** that I have developed outside school or workplace*

Area F: Student Digital Competence

This area relates to the set of skills, knowledge and attitudes that enable the confident, creative and critical use of digital technologies by students.

Answer options: five-point scales and not applicable (N/A)

Item code	Item title	SCHOOL LEADER	TEACHER	STUDENT
F1	Digital skills across subjects	We ensure that students develop their **digital skills across subjects**	Our school leaders ensure that students develop their **digital skills across subjects**	In our school, I use technology in **different subjects**
F2	Safe behaviour	In our school, students learn how to **behave safely online**	In our school, students learn how to **behave safely online**	In our school, I learn how to **behave safely online**
F3	Responsible behaviour	In our school, students learn how to **behave responsibly** when they are online	In our school, students learn how to **behave responsibly** when they are online	In our school, I learn how to **behave responsibly and respect others** when I am online
F4	Checking quality of information	In our school, students learn how to check that the information they find online is **reliable and accurate**	In our school, students learn how to check that the information they find online is **reliable and accurate**	In our school, I learn how to check that the information I find online is **reliable and accurate**
F5	Giving credit to others' work	In our school, students learn **how to give credit to others' work** they have found online	In our school, students learn **how to give credit to others' work** they have found online	In our school, I learn **how to use others' work** I have found online
F6	Creating digital content	In our school, students learn to **create digital content**	In our school, students learn to **create digital content**	In our school, I learn how to **create digital content**
F7	Learning to communicate	In our school, students learn to **communicate using digital technologies**	In our school, students learn to **communicate using digital technologies**	In our school, I learn how to **communicate using technology**
F10	Skills for vocational qualification	In our school, students develop **digital skills related to their vocational qualification**	In our school, students develop **digital skills related to their vocational qualification**	In our school, I develop **digital skills specific to my field of study**
F8 OP	Learning coding or programming	*In our school, students learn **coding** or **programming***	*In our school, students learn **coding** or **programming***	*In our school, I learn **coding** or **programming***
F9 OP	Solving technical problems	*In our school, students learn how to **solve technical problems** when using digital technologies*	*In our school, students learn how to **solve technical problems** when using digital technologies*	*In our school, I learn how to **solve technical problems** when using technology*

A bit about you

Item title	SCHOOL LEADER	TEACHER	STUDENT
Age	Age[2]	Age[2]	What year were you born?
Gender	Gender	Gender	Gender
Work experience in education	Including this school year, how many years of work experience do you have in education in total?[3]	Including this school year, how many years of work experience do you have in education in total?[3]	
Adoption of technology	Which best describes your approach to using digital technologies for teaching and learning?[4]	Which best describes your approach to using digital technologies for teaching and learning?[4]	
Negative factors for technology use	Is teaching and learning with digital technologies in your school negatively affected by the following factors?[5]	Is teaching and learning with digital technologies in your school negatively affected by the following factors?[5]	
Confidence in using technology		How confident are you in the use of digital technologies in the following areas?	
Preparing lessons		Preparing lessons by editing or creating a variety of digital resources (for instance slide show, images, audio or video)[6]	
Class teaching		Class teaching using a variety of devices (such as interactive whiteboards, video projectors) and resources (for instance online quizzes, mind maps, simulations)[6]	
Feedback and support		Assessing or providing personal feedback and support to students[6]	
Communication		Communicating with students and parents[6]	

[2] Under 25; 25-29; 30-39; 40-49; 50-59; 60 or more; Prefer not to say

[3] Less than 1 year; 1-2 years; 3-5 years; 6-10 years; 11-15 years; 16-20 years; More than 20 years; Prefer not to say

[4] I tend to use digital technologies after the majority of my colleagues; I tend to use digital technologies at the pace of the majority of my colleagues; I tend to be an early adopter where I see clear benefits; I am usually among the innovators who try out new technologies; Prefer not to say

[5] Lack of funding; Insufficient digital equipment; Unreliable or slow internet connection; School space restrictions; Limited or no technical support; Lack of time for teachers; Low digital competence of teachers; Low digital competence of students; Other

[6] Not at all confident; Not confident; A little bit confident; Confident; Very confident; Prefer not to say

A bit about you

Item title	SCHOOL LEADER	TEACHER	STUDENT
Percentage of time for digital teaching		For what percentage of teaching time have you used digital technologies in class in the past 3 months?[7]	
Time use			How often do you do the following (At school; Outside school)?
Technology at school			Use technology **at school** for school-related work[8]
Technology at home for schoolwork			Use technology **at home** for school-related work[8]
Technology outside school for learning			Use technology **outside school** for learning activities not related to school[8]
Technology at home for fun			Use technology **at home** for fun activities[8]
No technology outside school			Take part in activities **outside school** in which no technology is used[8]

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[7] 0-10%; 11-25%; 26-50%; 51-75%; 76-100%; Prefer not to say

[8] Never or hardly ever; At least once a month but not every week; At least once a week but not every day; Up to one hour every day; More than one hour every day; Prefer not to say

Finally, your feedback on SELFIE

Item title	SCHOOL LEADER	TEACHER	STUDENT
Overall score	If you were to review SELFIE. What score would you give it out of 10?	If you were to review SELFIE. What score would you give it out of 10?	If you were to review SELFIE. What score would you give it out of 10?
Recommending SELFIE	How likely is it that you would recommend SELFIE to a colleague?[9]	How likely is it that you would recommend SELFIE to a colleague?[9]	
Suggestions for improvement	How can we improve SELFIE further? Share your ideas and suggestions with us.	How can we improve SELFIE further? Share your ideas and suggestions with us.	How can we improve SELFIE further? Share your ideas and suggestions with us.

[9] Not at all likely; Not very likely; Somewhat likely; Very likely; Extremely likely; Prefer not to say