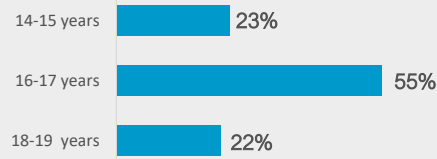


Estonia

3rd wave survey – 2023

Age group

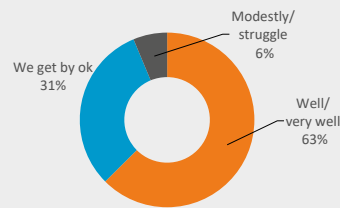


Data collection was carried out in **9 schools** and involved **1,128 students**.

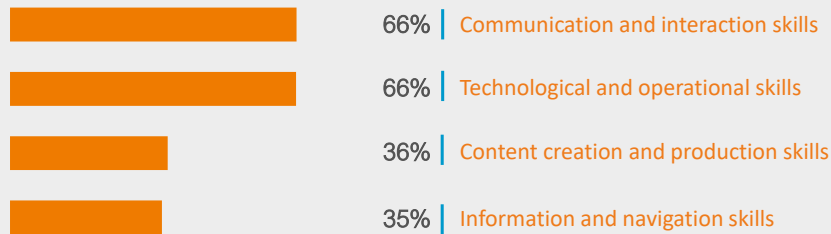
Gender distribution



SES distribution

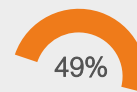


On average, adolescents reported **knowing very well** how to do 66% of the activities on the **communication and interaction** and **technological and operational** skills dimensions, but only 35% of the activities related to **information and navigation** skills.



Self-reported performance on skills does not increase linearly with age. On average, **boys** reported better **information and navigation** skills (42% at a high level) and **technological and operational** skills (71% at a high level), and **girls** reported better **communication and interaction** skills (69% at a high level).

Knowledge items*

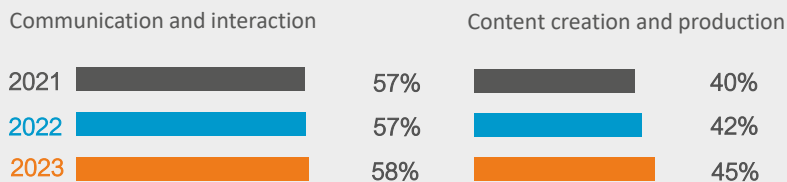


The average of correct answers to **digital knowledge** questions is 49%. The percentage of correct answers related to digital knowledge is similar between **boys and girls**, and increases with age until the age of 17.

* Respondents answered a set of questions designed to measure their actual knowledge about how the internet and digital technologies work.

How digital literacy levels increase in adolescents who participated in three waves (606)?

In 2023, the **communication and interaction** dimension of digital literacy had the highest average level (58% of the skills and knowledge elements). The **content creation and production** dimension had the biggest increase (5%) over the two years. The lowest level of digital literacy (39%) was related to **information and navigation** skills and knowledge.



Information and navigation



Digital literacy* is a combination of digital skills and knowledge regarding how the internet and digital technologies work.

*The levels of digital literacy are a merger of self-reported high-level skills and the correct answers to the knowledge items. For technological and operational skills, digital literacy could not be calculated due to a lack of knowledge items.

Based on the 2023 data, **digital literacy** does not increase linearly with age. **Boys** present a higher overall digital literacy level (52%) in comparison to **girls** (48%). **Boys** have higher digital literacy on the **information and navigation** dimension (44% at a high level), and **girls** have higher digital literacy on the **communication and interaction** dimension (59% at a high level).

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