

Data Analysis – DIGITAL COMPETENCE

Target: students of I.C. Cena aged 12- 14

FIRST MEASUREMENT 2018

Digital competence 12 years old students

The questionnaire was submitted to 37 pupils under the age of 12.

On the total number of pupils all use digital tools; the most used device is the smartphone (78.4%). Some students use more than one device, as a matter of facts computer is used by 54.1% and the tablet is used by 27%.

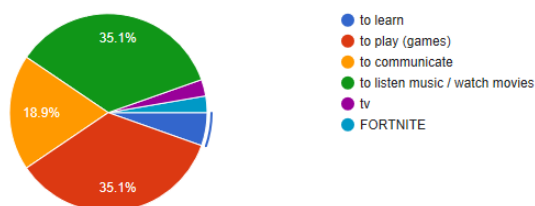
Only 5.4% of students use digital tools for learning, the majority use them for leisure activities.

The most used programs are text editors, programs for presentations, spreadsheets, photos and video editing. Among these, the programs used for educational purposes are mainly text editors (29.7%), presentations (27%), spreadsheets (51.4%).

From the data analysis it comes out that 100% of students use social media, but only a part of them is aware of the risks they are taking. 27% is not aware of the correct use of social media.

59% of students use social media to keep in contact with peers in the international environment.

We want to improve the percentage of 5.4 of students using ICT for learning issues, furthermore we aim to reduce the percentage of 27% which is not aware about good practices in using digital devices and avoiding risks. We also would enlarge the range of students who use social media to keep in contact in an international environment.



13-14 years old students

The questionnaire was submitted to 37 pupils aged 13 and 14.

On the total number of pupils all use digital tools; the most used device is the smartphone (95,2%). Some students use more than one device, as a matter of fact computer is used by 57.1% and the tablet is used by 33,3%.

Only 4.8% of students use digital tools for learning, the majority use them for leisure activities.

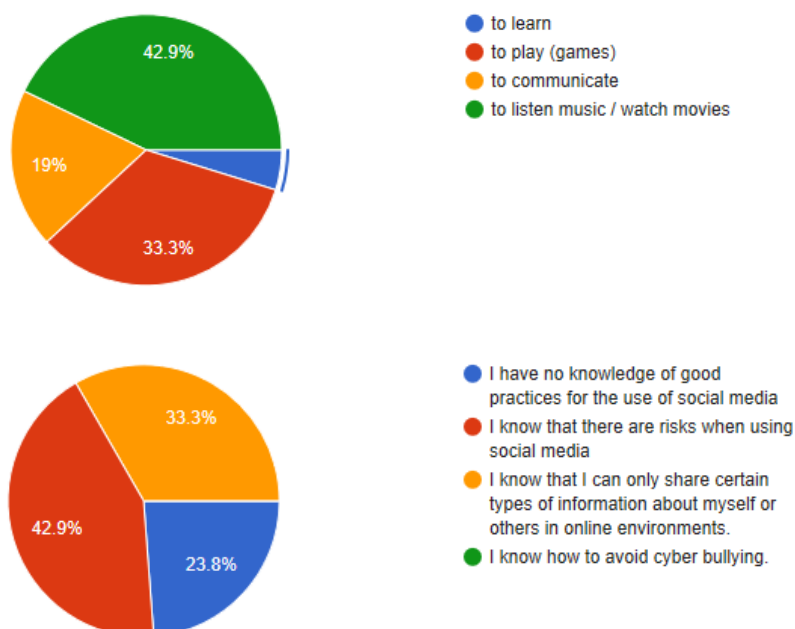
The most used programs are text editors, programs for presentations, spreadsheets, photos and video editing. Among these, the programs used for educational purposes are mainly text editors (76,2%), presentations (61,9%), spreadsheets (33,3%).

Some students know how to write a webpage and a blog (14.3%)

From the data analysis it comes out that 100% of students use social media, but only a part of them is aware of the risks they are taking. 23.8 % is not aware of the correct use of social media.

53.4 % of students use social media to keep in contact with peers in the international environment.

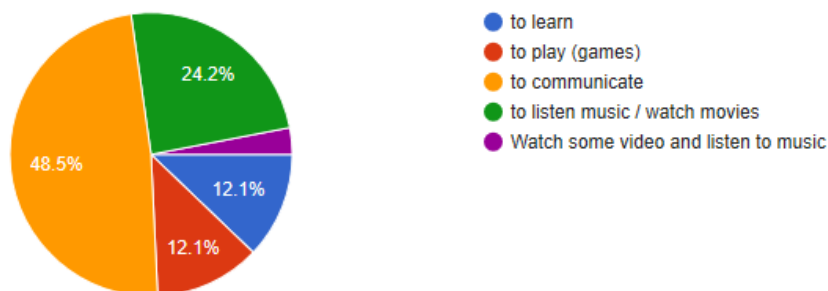
We want to improve the percentage of 4.8 of students using ICT for learning issues, furthermore we aim to reduce the percentage of 23.8 % which is not aware about good practices in using digital devices and avoiding risks. We also would enlarge the range of students who use social media to keep in contact in an international environment.



II MEASUREMENT YEAR 2019

13-14 years old students

The questionnaire was submitted to 33 pupils aged 13 and 14. On the total number of pupils all use digital tools; the most used device is the smartphone (90,9%). Some students use more than one device, as a matter of facts computer is used by 48.5% and the tablet is used by 39,4%. 12.1% of students use digital tools for learning, the majority uses them for communication and leisure activities.



The most used programs are text editors, programs for presentations, spreadsheets, photos and video editing. Among these, the programs used for educational purposes are mainly text editors (60,6%), presentations (69,7%). Very few students know how to write a webpage and a blog (3%)

From the data analysis it comes out that 100% of students use social media, and only a part of them is not aware of the risks they are taking.



18.2 % is not aware of the correct use of social media (5% less). This value shows an increase compared to the first analysis because the percentage of the students who are aware of good practices for the use of social media is still the 33.3% but the new item "I know how to avoid cyberbullying" compares for the first time with a percentage of 12,1%.

We suppose, this result comes from the project that the school does, under the **Ministry of Education, to contrast cyberbullying.**

The percentage of students that use social media to keep in contact with peers in the international environment, is still the same.

Consequently, the aim for the end of the project, remains to enlarge the percentage of students that use social media to keep in contact with peers in the international environment.

FINAL MEASUREMENT

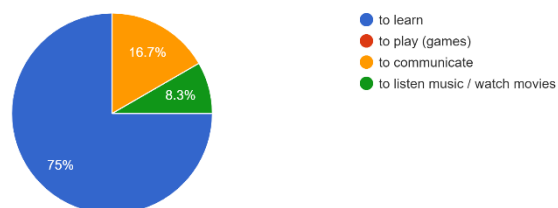
13-14 years old students

The questionnaire was submitted to 20 pupils aged 13 and 14. On the total number of pupils all of them use digital tools; More than 80% of the students uses more than one device. The most used is still the mobile phone.

75% of students use digital tools for learning, others use them for communication and leisure activities.

For what do you use digital devices most often? (you can choose only one)

20 responses



100% of students use social media, and the item "I know how to avoid cyber bullying" has grown up to 63% compared with the previous one which was only 12,1%. This is a very positive result also because it means

that schools start to acknowledge and to carry out the Council of Europe efforts on fighting cyberbullying.

As final result with our project we increased the percentage of students that use social media to keep in contact with peers in the international environment which arises from 53,4% up 82,6. We suppose that the pandemic, which required a lot of distance work, fostered this aspect.

Are you using social media to keep contact with your peers abroad more often than at the of the project?

20 responses

