



SKILLED
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Erasmus+



1st Cross student exchange

Topic: Information and data literacy

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Hosting school: Aristotelio College (Greece)

Sending schools: Sint-Gummarus College (Belgium) & Pagkyprio Lykeio (Cyprus)

English Translation – Video

Hello everyone! I'm Veronica and this is my friend Ioni and a couple of weeks ago we paid a visit to the Pedagogical Institute of Cyprus to interview officers there of the Department of Educational Technology about two main areas. Firstly, to find out what is the policy of the Ministry of Education about the integration of Information and Communication Technologies into the teaching process in schools. And secondly to learn more about the Digitally Supported Learning Environment which is a recent addition to the Pedagogical Institute of Cyprus. The interviews you will now watch are a free translation by me and Ioni as we interviewed the officers in Greek. Ioni will now come and talk you through her interview with Mr. Christos.

-----Ioni speaking

To cover the second area of the interview I asked Mrs. Theodora to tell us a few things about the Digitally Supported Learning Environment and what it is all about. She informed us that the Digitally Supported Learning Environment was founded in October of last year and its purpose is to promote the consolidation of digital skills in the Educational system in Cyprus as well as to enhance the attempts of the Educational Technology Department to develop digital skills, nourish attitude, as to the digital community, and at the same time offer innovative approaches on how to incorporate digital technologies. Its whole philosophy is the one of the innovative pedagogical approach:

Using unique ways to teach and include new tools that will step up the quality of the teaching process in schools. Those tools me and Ioni had the chance to try out as you will see in the following clips.

-----Ioni speaking (interactive whiteboard)

Here you will see us wearing the **3D glasses** in which we could see the image on the board in more realistic form as the glasses allowed us to see the ocean in three dimensions instead of two. It was very cool having the glasses on and as you can tell from my face expressions, I was really enjoying it! It was also very cool to be able to see in 3D, as everything was right in front of me, the way corals would die and how the ocean was affected by that. It made me realize how important the coral life is and the big difference in the sea after they bleached.

These are the **VR glasses**. As probably most of you know VR glasses are glasses that you put your phone in and choose what kind of place you want to exist in. So Mr. Christos is now setting on the phone the place he wants me to be in (as the teacher would do when used in class), and he places the phone in the glasses, so they are ready for me to wear. They were kind of heavy, I'm not going to lie, but that definitely didn't take away from the amazing experience. When use in class the teacher can send the image he wants from his tablet to the student's phone. Here, Mr. Christos sent me the same image of the corals in the ocean that was used on the previews tool so that I could have an even more realistic experience of the coral bleaching phenomenon.

-----Ioni speaking (3D printer)

This is a tablet that has an application installed on it that allows you to scan different research papers sent from NASA's donors and it creates for you an image that will represent the research. So, for example, there you can see Mr Christos scan a research that was made about the climate change of the planet over the years. A globe popped on the screen showing exactly how the temperature raised the past years as it shows on the paper he scanned. Next, he is scanning a paper about the ice concentration of the earth starting from hundreds of years ago and finishing with a prediction about the future.

In my opinion seeing the globe change instead of just reading about it definitely helps the information stick to your head better and it is also a lot more fun.

-----Ioni speaking (Advanced VR glasses)

-----Ioni speaking (human like robots)

In the next clip we learn how to use **Lego We Do** and specialized software to build Automated systems. Mr Nicholas is walking us through the process of assembling the Automated System which basically was a system that opened and closed a gate depending on certain circumstances. The program you can see on the computer showed us step-by-step how to put the pieces together. That sped up the process. Here Mr. Nicolas is explaining to us how to programme the system in order for it to work. This whole process really helps to improve your problem-solving skills which is a very important skill to have.

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