Identification of students' digital skills

Þingeyjarskoli's December task 2024

What could our students do before we initiated the project and what can they do now?

Then: Our oldest students (8.-10th. classes) had an ipad and were getting started to use it in their study.

Now: all our students from 1.-10. classes have ipads and are using it in their study.

Then: We didn't have a holistic ICT plan for the whole school.

Now: We have made a draft of an ICT plan for the whole school where the focus is put on exponentially increasing students' knowledge of ICT in their study.

What could our students do before we initiated the project and what can they do now?

Then: They had little opportunity to get informed about sustainability.

Now: They know how important it is to live in a sustainable society and to live an environmentally life.

Then: They didn't know about The United Nations Convention of the Rights of the Child.

Now: They know the main theme of the Convention and what it stands for.

What could our students do before we initiated the project and what can they do now?

Then: They didn't know how to work with VR and AI in their work.

Now: They can use VR and AI in their work.

Then: They had a little opportunity to do coding/programming in their school

Now: They have good knowledge about coding/programming.

What can our students do now at the end of the project?

<u>They have increased their knowledge of:</u>

- Coding and programming (unplugged and by using platforms like code.org, Scratch, Micro:Bits and Lego programming)
- VR and AI by getting to know how they work and how they can be used in study and life.
- The United nations Conventions on the Rights of the Child by getting opportunity to do assignments and projects built on the aims of the Convention.
- The importance of sustainability, recycling and the usage of green energy and environmentally friendly ways of living.
- Other students by participating in an e-Twinning project and exchanging descriptions of themselves and recipes with students from another countries.
- Using Fab lab f.ex by using 3-d printer, vinyl cutter etc.
- Online safety and mental well being by participating in the Safer Internet day and learn about positive and negative effects of Social media.
- The usage of mind mapping tools for problem solving.
- Using educational platforms like Google Classroom for handing in their assignments.
- ICT initiatives and tools as support for browsing, reading and writing on the web (F.ex. The Helperbird extension for Safari)

Forward-looking digital development

In our ICT plan we will focus on step-by-step increasing students' knowledge about the usage of ICT in their study and make the process more organized. We will also lay emphasis on teaching our students responsible and safe web usage.

We will keep on emphasizing in our teaching on the importance of sustainability and environmentally friendly way of living.

We will keep on informing our students about the The United nations Conventions on the Rights of the Child. Hopefully our school will one day become an Unicef school.