

Computational Thinking at Gedminai Progymnasium

2023-04-27

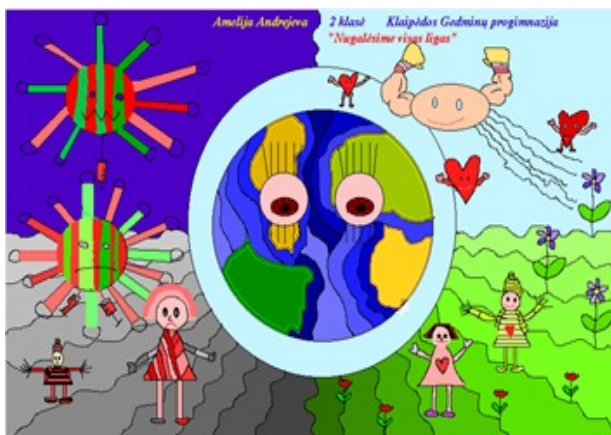
Authors:

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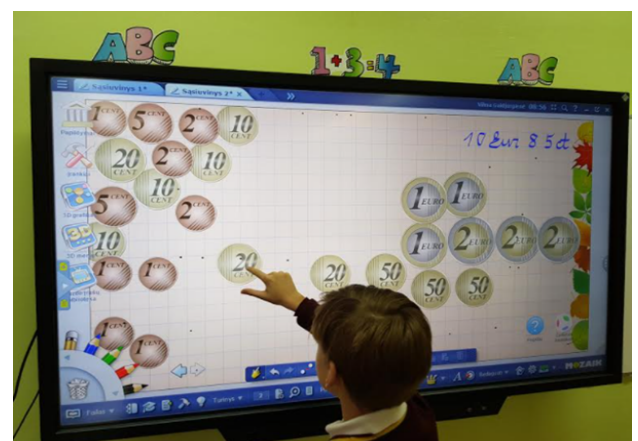
Institution:

Klaipėda Gedminai progymnasium, Lithuania

We have been introducing computer science to children for more than 20 years. We started with Logo Writer, followed by Comenius Logo, Imagine Logo. Pupils participate in LOGO Olympiads and competitions.



The innovations that come into our classrooms change the daily routine and quality of teaching. They improve learning outcomes, students' progress and motivation.



The modern teacher has to be like that and bring children the whole world in his hands.



The Ministry of Education and Science of the Republic of Lithuania together with the Centre for Educational Development initiated by Professor Valentina Dagienė, carried out the project "Informatics in Primary Education". The aim of this project was to develop informatics content for primary education. Ten schools in cooperation with teams from Vilnius University and the Centre for Educational Development, developed and tested teaching materials, made suggestions on the draft content of informatics education and the draft general curriculum and shared good practices.

This project provided schools an opportunity to take part in the traineeships in Finland schools and at the University of Turku.

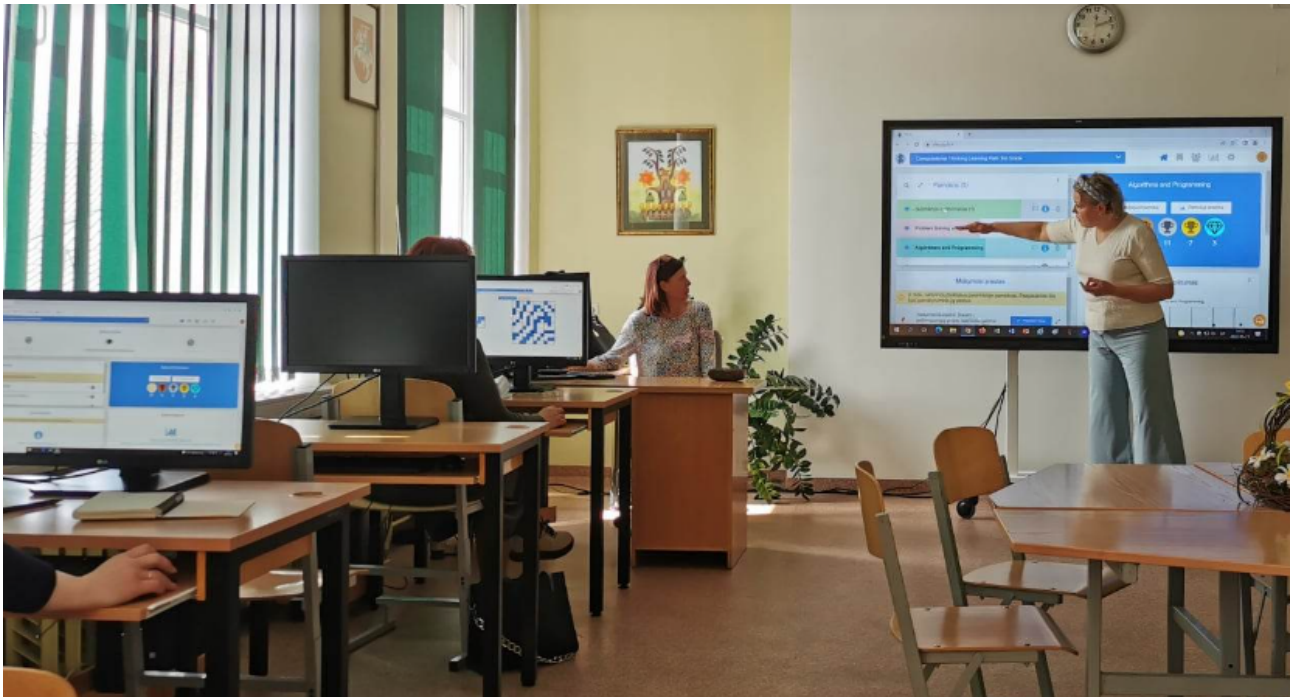
Thanks to this projects ViLLE came to Lithuania.

Three Lithuanian classes (third grades) were selected to be the first to try ViLLE in Lithuania. Collaboration with the ViLLE team has begun.

Once a week children solve ViLLE tasks.



More and more Lithuanian schools are interested in ViLLE - Eduten. We went to Kretinga Marijonas Daujotas progymnasium where we shared good practices with colleagues and gave training.



Through our active interest in logical reasoning tasks, we discovered BEBRAS (BEAVER)

Thanks to Prof. Valentina Dagienė we joined the testing team.

We actively participate in international IT projects.

BEAVER tasks are integrated into ViLLE.



Here are some students' terms related to information technologies: computer, QR code, algorithm, sequence, binary system and so on.



We are currently running consultations for teachers in our country. Our consultation topics include:

- *Text and image*
- *Tools for creating interactive tasks*
- *Informatics without a computer*
- *Interactive whiteboards and other tools for classroom organisation.*
- *XLogoOnline*