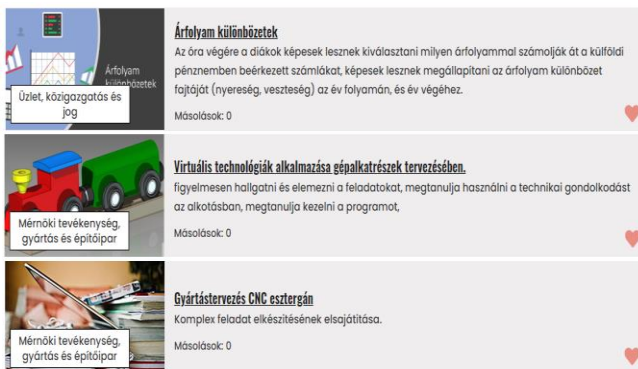


Digital Culture for the 21st Century Vocational Education



ICT-based Creative Classroom Work

This project phase was the “test of pudding” in the classrooms: teachers were asked to develop a lesson plan for piloting the knowledge, skills, and digital competences they gained during the collaborative learning phase and the workshops organised in their schools. They designed a class for “doing after learning”, applying innovative teaching and evaluation methods in the classroom, and utilizing digital tools they selected from the “Digital Menu Card” platform, developed by the VETWork Consortium.



<https://dmc.prompt.hu/en>

The teachers were also asked to find open educational resources, or create their own interactive, multimedia learning materials for their classroom work and share them with the learning community on the Digital Menu Card online collaborative platform.



More than 50 teachers took part in the pilot course, and about 800 students were involved in the classes supported by digital tools that applied one of the innovative teaching methods published on the Digital Menu Card platform.

After the lessons, the teachers analysed and summarized their experiences in a self-reflection report, including the opinion of their students, who were asked about the new teaching method and the impact of digital tools on their understanding and quality of learning as well.

“I believe that all digital learning materials have measurable pedagogical benefits. Even in the given case, I am sure that if a lesson with the same goal was carried out in the department without a demonstration in GeoGebra, that the students would need more lessons and consolidation in order to correctly learn the behavior of the polynomial graph around its zeros.” (Jože Premru, Biotechnical Educational Centre, Slovenia)

“The students participated actively and with full attention in the pilot lesson, the transfer of new knowledge using the flipped classroom method was an absolute success, so much so that they asked for a similar way of introducing new techniques in the future. Their feedback was that they will use the techniques they learned in their private lives for their social media images.” (Hajnalka Molnár Csikós, SZÁMALK-Salesian Post-Secondary Technical School, Hungary)

“Not only the students, but also myself enjoyed this class much more, because if the students are active, work well, can solve the tasks assigned, it gives me a sense of achievement, the class is more dynamic and the time passes without everyone having a bad experience. Moreover, the lesson is really ‘full’ and not just passing, i.e., the students gain useful knowledge and develop their skills in data collection and research.” (Kele Tünde, Liceul Teologic Romano Catholic “Szent László”, Romania)



In the Slovenian school, 90% of all participating students reported on wanting to have more lessons like the ones that were in the project. Approximately 60% to 75% of the students reported that the digital materials helped make the class more interactive and interesting, ensuring attentive learning. Others reported that the content was easier to understand with the digital learning material or that they could ask additional questions which helped them understand better.



SZÁMALK-Salesian Post-Secondary Technical School,
Budapest

"Even so, the lesson was definitely better than a non-digital lesson, with two students remarking at the end how quickly the time flew by. In my experience, students are always more motivated when digital tools are used in class or during homework, and the cherry on the cake is that I really enjoy these lessons."
(Viktoria László, SZÁMALK-Salesian Post-Secondary Technical School, Hungary)



Partner meeting (17 April)



Final event (18 April)

As the final event of the project, the results of the ICT-based Creative Classroom Works (O4) were successfully presented in Budapest.

The conference was held in Budapest on 18 April 2023, and was attended by vocational teachers, decision makers and education officials from all over Hungary.

○ Aim of the project

The project aims to embed the traditional digital pedagogy teacher training program in a broader context by organizing customized school-based contact training sessions, linking it to organizational development components that enhance institutional digital competence and quality culture.

○ Objectives

- Institutional level intervention will begin with getting commitment from the management of partner schools. In each school, a management representative – so called “change agent” – will be selected to closely work on the project with a group of teachers.
- Partner VET schools will perform an initial self-assessment on digital pedagogy at institutional and individual (teacher) level, using the SELFIE tool and the DigCompEdu framework.
- Groups of teachers will participate in an online learning experience on the Digital Menu Card platform, for developing their digital competences based on DigComp 2.1 and the DigCompEdu framework.
- Partner schools will create their own digital pedagogy strategy and related action plans, broken down to individual level.
- On-the-job workshops will be organized for teachers who can put their new skills into practice and develop digital learning content for their classes with assistance from facilitators.
- Lessons will be delivered to students, using the newly developed materials and active learning methods.
- Finally, based on the experiences, a Digital Pedagogy Training and Intervention Model will be created that can easily be applied by other educational institutions as well, to support institutional level changes and continuous improvement of teaching practices.

○ Project basics

Title: Digital Culture for the 21st Century Vocational Education

Acronym: VETWork

Project ID: 2020-1-HU01-KA202-078760

Program: Erasmus+ KA2, Strategic partnership

Target group: VET teachers, trainers, managers

Beneficiaries: VET students

Partner countries: Hungary, Slovakia, Slovenia, Romania

Duration: 1 Sep, 2020 – 31 May, 2023

○ Partners

Prompt-H Számítástechnikai Oktatási, Kereskedelmi és Szolgáltató Kft. (coordinator, Hungary)

Expanzió Humán Tanácsadó Kft. (Hungary)

Univerza na Primorskem, Fakulteta za Management (Slovenia)

Biotehniški Izobraževalni Center Ljubljana (Slovenia)

Országos Magyar Továbbképző Központ (Romania)

Szent László Római Katolikus Teológiai Líceum (Romania)

Szakkay József Műszaki és Közgazdasági Szakközépiskola (Slovakia)

Közép-magyarországi Agrárszakképzési Centrum Magyar Gyula Kertészeti Technikum és Szakképző Iskola (Hungary)

SZÁMALK-Szalézi Technikum és Szakgimnázium (Hungary)

○ Contact

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