Digital Culture for the 21st Century
Vocational Education

Digital Menu Card

In the partner institutions, questionnaires were used to assess the knowledge of teachers in the schools participating in the project about digital applications. This showed that the knowledge of digital applications that can be used in education varies from country to country and from institution to institution, so after preliminary discussions, we tried to identify the most useful ones from a pedagogical point of view. The educators interviewed in the four partner countries agreed on one thing: there are significantly fewer interactive digital learning materials for vocational education online than for a traditional public education subject.

Results of the second phase

After months of teamwork and several online meetings, the Methodological Ideas and Vocational Curriculum Library (DMC) in Hungarian, English and Slovenian was created, where interested parties can find the tools they need to plan an innovative lesson/project in one place.

The possibilities offered by the site ("one-stop-shop"):

- information on teaching methods, including lesson planning and evaluation, tried and tested by others and successfully applied;
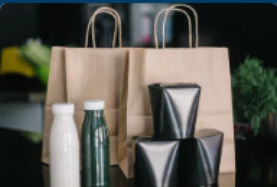

DMC DIGITAL MENU CARD — Downloadable lesson/project plans · Register to create lesson plans · Digital tools, repositories, methods · Feedback

Digital menu card
Methodological repository and VET content library

Submit a lesson or project plan

Takeaway — Downloadable lesson/project plans

DIY — Online lesson/project planning

Ingredients — Digital tools, repositories, methods

- a collection of digital tools supported by examples;
- the possibility for registered users to create online lesson plans, project plans, which they can save and share with others;
- browse through learning materials created by others, registered users can evaluate, use and duplicate them for their own use.

The site is primarily intended to inspire. We want to help teachers to gain the confidence to try out new tools on their own, and not to be embarrassed if developers make changes to applications they have used before.

The other aim is to enable teachers to combine their methodological knowledge with their digital knowledge, and to use them in a coherent and mutually supportive way when planning lessons/projects.

Training

From 15 February to 24 April 2022, 10 to 10 teachers from the five schools completed the self-learning training, during which they got acquainted with the DMC site and its elements, evaluated the uploaded "ingredients" and prepared the first lesson plans.

The three weeks of training covered the following topics:

- Week 1: The turn in the role of the teacher, active teaching methods, evaluation techniques, innovation in the school;
- Week 2: Digital tools serving pedagogical aims;
- Week 3: Open Educational Resources, lesson and project planning.

One of the outputs of the training was that teachers prepared their individual development plan for the integration of innovative methods and jointly created a school action plan based on the digital strategy already prepared.

Next steps

Teachers from the five partner schools will take part in 15-20 workshops in line with the development plan drawn up through teamwork. During the workshops, teachers will develop free digital learning materials, which will be made public through the project.

Innovative teaching-learning methods
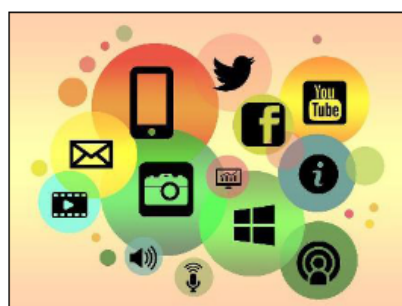
Digital tools

Free content sources, repositories

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 and the DigCompEdu framework.
- Partner schools will create their own digital pedagogy strategy and will create 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: 1st Sep 2020 - 31st May 2023

Partners

PROMPT-H Information Technology Educational, Trade and Service Ltd., Hungary

Expanzió Consulting Ltd., Hungary

University of Primorska Faculty of Management, Slovenia

Hungarian Teacher Training Centre, Romania

Biotechnical Education Centre Ljubljana, Slovenia

Szent László Roman-Catholic High School, Romania

Technical and Business Secondary Vocational School of József Szakkay, Slovakia

Magyar Gyula Vocational School, Hungary

SZÁMALK-Salesian Post-Secondary Technical School, Hungary

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