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NEWSLETTER

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3D PRINTERS, DEVELOPMENT, DIGITAL COMMUNITY

The project

The 3D Printing project focuses on increasing the technical skills and digital competencies of students in vocational education and training schools through the implementation of new learning processes, namely the use of 3D printing in teaching. The partner organizations found that schools use 3D printers mainly to print to prepared templates, so the project highlighted the need to support vocational schools in using the wide potential of 3D printers, in such a way that students are guided in planning and creating their own 3D projects. This innovative teaching approach helps increase students' technical capabilities in relation to technological trends and labor market needs.

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3-d-print.eu
3-d-print-platform.eu

Information about the project

Duration:
Autumn 2022 - August
2024

Project number:
2022-1-CZ01-KA210-
VET-000081801

Activities:
A1) Creating and
Establishing an
international online
community and the on-
line community platform

A2) Development of 3D
printing models based
on EU Cultural Heritage
Artifacts with an
instructional manual
video

A3) Sharing students'
results, testing and
spreading the
community

Websites:
3-d-print.eu
3-d-print-platform.eu

Stay tuned for more!



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3D

3D Printers, Development, Digital Community



From Design to Reality: Student 3D Printing Project
Students engaged in a 3D printing project, creating intricate designs, painting models, and showcasing their final products. The process highlights their dedication and innovative skills in turning digital designs into tangible objects.

CURRENT PROGRESS

Project Progress and Achievements

The 3D Printing Cultural Heritage project is advancing wonderfully, with all participating schools successfully completing their models. From the Czech Republic's iconic distillery and national emblem to Slovenia's traditional hay rack and the Mura River mill, from Bulgaria's famous clock tower in Zlatitsa to Greece's simplified ancient temples, each model reflects the rich cultural heritage of its region. These creations highlight the dedication and skills of students and mentors involved in this remarkable project.

Bulgarian Students Showcase Local Heritage

In Bulgaria, students from "St. Paisii Hilendarski" School in Zlatitsa, guided by mentors Daniela Samardjieva and Miglena Gaitandjieva, have created a detailed 3D model of the city's iconic clock tower. This project, supported by NTCenter, not only showcases their technical prowess but also their commitment to preserving and promoting local heritage. Another significant contribution is the traditional wood carving model by students from NGPI "Trevnenska School" under the guidance of Dr. Deyan Boev, further emphasizing the project's cross-cultural learning impact.

Presentation at UPrint 3D in Olomouc

On April 22, 2024, a presentation of the 3D printing project results took place at the UPrint 3D facility in Palacký University, Olomouc. Secondary school teachers and students from the Secondary School for the Hearing Impaired in Valašské Meziříčí, the Secondary Industrial School in Přerov, and the Higher Vocational School and the Secondary Industrial School of Electrical Engineering in Olomouc showcased their 3D models. The event included a tour of UPrint 3D's advanced printing technologies and concluded with students exchanging insights and receiving certificates for their impressive work.

Celebrating Tradition and Technology

This milestone event marks a significant step forward in our collaborative journey, celebrating the union of tradition and technology through the creative minds of European students.



PROJECT PARTNERS

