3DprintED
ERASMUS+

NEWSLETTER 1. NOVEMBER 2024

REIMAGINING STEM EDUCATION WITH 3D PRINTING

EUROPEAN PARTNERSHIP

- **Evropska rozvojova agentura, s.r.o.Blood** (Czechia Applicant Organization)
- **liceo scientifico statale Francesco Vercelli** (Italy partner)
- **Základní škola Praha 5 - Hlubočepy, Pod Žvahovem 463, příspěvková** (Czechia Partner)
- **Escola Secundária de Lagoa** (Portugal Partner)

WHAT PURPOSE ?

Across schools in Europe, 3D printers are often underused—despite their huge potential to transform learning. These powerful tools can bring STEM education to life, but many teachers haven't had the training or support to fully embrace them. That's what our project aims to change.

We're equipping educators with the skills and confidence to integrate 3D printing into their teaching in meaningful ways. From spotting where it fits into their curriculum, to navigating design platforms and libraries, we're making 3D printing more accessible and less intimidating.

At the heart of it, we're not just teaching a tool—we're fostering hands-on, creative learning that sticks. By empowering teachers, we're opening up new possibilities for students to explore, build, and engage with the world around them.

HOW WE MAKE IT HAPPEN ?

WP2 – Methodological Framework for 3D Printing Implementation in Classrooms
We're turning our vision into reality through a thoughtful, hands-on approach designed to truly support teachers. It all begins with our comprehensive training modules—three practical and accessible stages that guide educators through the fundamentals of 3D printing, provide useful tools, and show how to seamlessly weave this technology into their everyday teaching practice.

WP3 – STEM Teachers Training : 3D Printing Workshop
To deepen this learning, we're hosting STEM teacher workshops in our partner countries. These in-person sessions are all about building confidence, sharing experiences, and helping teachers discover the full potential of 3D printing in the classroom. It's professional development, but with a strong focus on collaboration and real-world impact.

WP4 – 3D PrintED Pilot Courses with Pupils
Next, we bring the training to life with classroom pilots. These real-time, real-student experiences allow teachers to apply what they've learned, explore creative lesson ideas, and help us refine the approach based on honest feedback from both educators and learners.

WP5 – Dissemination and Communication
And because we want this impact to reach far beyond our pilot classrooms, we're actively sharing our insights, successes, and resources across Europe. By spreading the word, we hope to spark curiosity, encourage adoption, and inspire more educators to explore the exciting possibilities of 3D printing in STEM education.

VISIT OUR WEBSITE !
https://3dprinted.euda.eu

FOLLOW US :
Facebook
Instagram
Tiktok

Co-funded by the European Union