



Co-funded by the  
Erasmus+ Programme  
of the European Union



INCLU.MA.P.



Erasmus+ KA2 Project no. 2019-1-IT02-KA201-062851

# INCLU.MA.P.

"Inclusion Through Material Culture and Holographic Projections"

NEWSLETTER N.4

NOVEMBER 2021

## Teaching is back in the classroom!

Recently the **pandemic** showed signals of **slowing down**, so teaching activities in **Italy**, **Spain** and **Portugal** are physically back in the classroom. In this critical scenario, **Inclu.ma.p.** project offered an opportunity to design & deliver a **collaborative didactics program** among students, teachers & museum operators, based on **digital 3D modelling technologies** & on the critical **analysis** of the **civilization frameworks**.

## Work as expression of a land or region...



IO3 is focused on the study of **Work**, of **trades**, **crafts** & of the relevant **tools** from a **multicultural perspective**, following the different **origins** & **traditions** of students today composing the classes at school.

## ...and of the different generations!

Work does not only **change** across **latitudes** but also with **time!** What do **young people** think about the work of their parents & grand-parents? What **expectations** about their **professional future?**



## Phases of the Didactic Programme

**Peer2peer interviews** among local & first/second generation migrant students and their families

**Research on fashion & clothes traditions** of the different civilizations of all the students, also from an intergenerational perspective

**3D Design & Modeling** of Work Tools



## Students & Different Cultures

To reconstruct the **material culture** of all the students, both **native** and **migrant**, making up the multicultural class, each school involved 1 group of **local** pupils and at least 2 groups from **ethnic minorities**. Different **Work traditions** were involved:

- For **Spain**, the **Valencian & Catalan** regions
- For **Portugal**, the northern & insular area
- Central **Africa** (Sao Tomé e Príncipe, Angola)
- North Africa & the **Maghreb** area
- For **Asia**, India, Pakistan and Sri Lanka
- **Eastern Europe** (Albania, Moldova, Ukraine)
- **Latin and South America**
- For **Italy**, the emilian, Lombardy & south areas



Two students from Centre Formació "C.F. Folgado", Valencia, learn the secrets of arts & crafts, thanks to a school training session based on metal carpentry, forging and welding

## 3D Modelling & Holograms

To integrate cultural research, typical of the **humanities**, with **STEM teaching**, INCLU.M.A.P. project includes technical and **ICT lab activities** for the design, modeling & **3D reconstruction** of **style & fashion items** chosen by students to represent each **ethnic group**.

Onsite & distance training sessions were carried out to train teachers & museum operators in the use of opensource platforms



A spinning wheel from Croatia, belonging to the grand-mother & great-grandmother of a student girl from Setificio "Carcano", Como. The tool will be digitally 3-modelled and virtually projected as hologram.



such as **Tynkercad & Sketchfab**, free **3D sculpting tools** and **photogrammetry** softwares for 3D reconstruction of images & pics.

## Transnational Project Meetings:

The 4th Virtual TPM took place in **October 2021**, and it focused on **the implementation** of the project **phases** for the current school year **2021/2022**: research & digital & holographic elaboration, according to a multicultural point of view, of the **Work Tools (IO3)**, followed by the Objects of **House & Daily Life (IO4)**.

