

The trip began with a warm welcome in Piazzale Sicilia, establishing links with their Italian pen pals. A guided tour of the Attilio Bertolucci High School followed, introducing the students to a different educational environment.

A highlight of the trip was the Virtual Reality Workshop, where students used SPATIAL.IO software to create immersive environments with QUEST VR headsets. Workshops also included language experiences, with narrations in English, and digital explorations, including object programming with Arduino and 3D modeling with TINKERCAD.

Apart from academic activities, the students took part in an orienteering race in the city of Parma and a soccer match between the groups, thus strengthening intercultural links. Family life was also an important integration tool.

The cultural aspect was highlighted by the exploration of the DUOMO, the Pilotta, the National Gallery and the Farnese Theatre. This immersion in Parma's artistic and historical heritage enriched the students' experience, offering a broader perspective on Italian culture.

The essential partnership with CASCO Learning Center, an open, inclusive and innovation-driven facility, and ON-OFF, Parma's local FABLAB, also contributed to the experience. These partners shared their expertise in virtual reality and laser cutting, enriching the students' skills in these areas.

This experience enabled the students to develop their language skills, continually engaging them in English throughout the workshops and collaborative work sessions. In addition, digital skills were honed through a variety of activities, from algorithmic brick programming to exploring 3D modeling and virtual reality. These tools will be further developed in the course of Life Sciences and Engineering Sciences experiments.

Over and above their technical skills, the students have contributed to connecting their school on a European and international level, educationally, culturally and professionally, in this first year of the ERASMUS accreditation at Lycée Livet. A EUROPASS Mobility will soon testify to this mobility. The experience has also given them food for thought about future study projects in Europe. A European platform is currently being set up to share this project.

To sum up, this mobility experience in Parma offered the students of Lycée Eugène Livet an enriching immersion in the world of virtual reality, reinforcing both their linguistic and digital skills, while broadening their cultural, academic, artistic and technological horizons.



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