

## STEMSiL - The training in Madrid

The Erasmus+ project **STEMSiL** is moving forward to promote accessible STEM education for deaf students. The last step milestone was the training activity held in Madrid at Colegio Gaudem between the 19 and 22 November.

Colegio Gaudem is a pioneer in inclusive education, with a mission that goes beyond conventional schooling. The institution promotes a concrete inclusion of deaf and hard of hearing students by teaching both spoken Spanish and Spanish Sign Language (LSE) to its entire community, ensuring seamless communication between deaf and hearing students, teachers, and families. This bilingual approach fosters a culture of mutual respect and real integration, creating a model for inclusive education that others strive to emulate.

The STEMSiL project acknowledges the barriers that deaf learners often face in STEM subjects, where complex concepts are frequently delivered in ways that depend heavily on spoken language. By integrating sign language into STEM instruction, the project seeks to create a level playing field, ensuring that deaf students can fully participate in and excel in these critical fields.

The training held at Colegio Gaudem brought together teachers, researchers, and educational professionals from across Europe who specialize in deaf education and STEM. Conducted in International Sign Language with the support of interpreters, the training highlighted the importance of linguistic accessibility in promoting equity in education. Participants explored innovative teaching strategies, shared best practices, and collaborated on developing materials that integrate sign language into STEM curricula.

Activities covered a range of topics, including:

- Methodologies to teach STEM to deaf students
- The use of Sign Languages to explain abstract STEM concepts effectively through the development of a visual lexicon in the online platform
- The presentation of STEM kit to reach the goal of the STEM learning
- The co-labs in which students are active players in their own learning process

Participants also had the opportunity to observe Colegio Gaudem's inclusive classrooms in action, gaining insights into how the school implements its model to support students of all abilities.

This training activity represents an important step forward in bridging the gap between STEM and deaf education. The training at Colegio Gaudem went far beyond the scope of a simple training. It exemplified the transformative power of inclusion, the untapped potential of deaf students, and the indispensable role of sign language in modern education.



Participants have been also active in sharing their feedback through interviews in International Sign Languages. The videos will be shared soon on the project [Facebook](#), [Instagram](#), [X](#) and [TikTok](#), in which it's already possible to look at what has been done in Madrid!

Don't forget to visit the project [website](#) too and to stay tuned for following updates and news about the training!

### **Links Social Accounts:**

Facebook: [www.facebook.com/stemsilproject](http://www.facebook.com/stemsilproject)

Instagram: [www.instagram.com/stemsil\\_project](http://www.instagram.com/stemsil_project)

Twitter: [www.twitter.com/STEMSiL\\_project](http://www.twitter.com/STEMSiL_project)

TikTok: [www.tiktok.com/@stemsil\\_project](http://www.tiktok.com/@stemsil_project)

website: <https://stemsil.eu/>

**Tags:** #inclusionthroughSTEM #STEMSiL #erasmusplus #STEMEurope #school #SL4STEM #STEM



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