

STEMSiL

The **STEMSiL** project aims to promote STEM education within Deaf Education and to support teachers and interpreters to develop STEM teaching/interpreting skills. By doing so, novel methodological approaches and digital tools will be created. The project will enhance learning and future career opportunities in the STEM field for Deaf students in Europe.

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OBJECTIVES

01.

Analyse the current situation in STEM education within Deaf education and characteristics of deaf education and identify pertaining issues

02.

Develop novel methodologies and tools for teachers and interpreters to deliver the main STEM concepts in classrooms with deaf students

03.

Enhancing awareness of European Sign Languages and of Deaf communities within the context of STEM education for deaf children at both elementary and secondary levels

04.

Promote the inclusion of teachers, interpreters and deaf students in real-life STEM projects

REVIEW OF EXISTING
METHODOLOGIES IN STEM
EDUCATION WITHIN DEAF
EDUCATION

DEVELOPMENT OF A
STEM TOOL KITS FOR TEACHERS,
INTERPRETERS AND STUDENTS

IMPLEMENTATION OF
STEM CO-CREATION LABS

ACTIVITY
1

ACTIVITY
2

ACTIVITY
3

ACTIVITY
4

ACTIVITY
5

REVIEW OF EXISTING
STEM-RELATED
TERMINOLOGY AND CONCEPTS
WITHIN DEAF EDUCATION

DESIGN, PILOT TESTING AND
REALIZATION OF THE
STEM TOOL KITS

RESULTS

A transnational study for the existing methodologies of teaching STEM in deaf education

An overview of STEM-related terminologies in selected European sign languages

A bilingual handbook on STEM-related methodologies in Deaf Education

Digital Tool Kit including STEM visual lexicon in selected European sign languages

Real-life STEM projects co-created by deaf students and teachers/ interpreters