

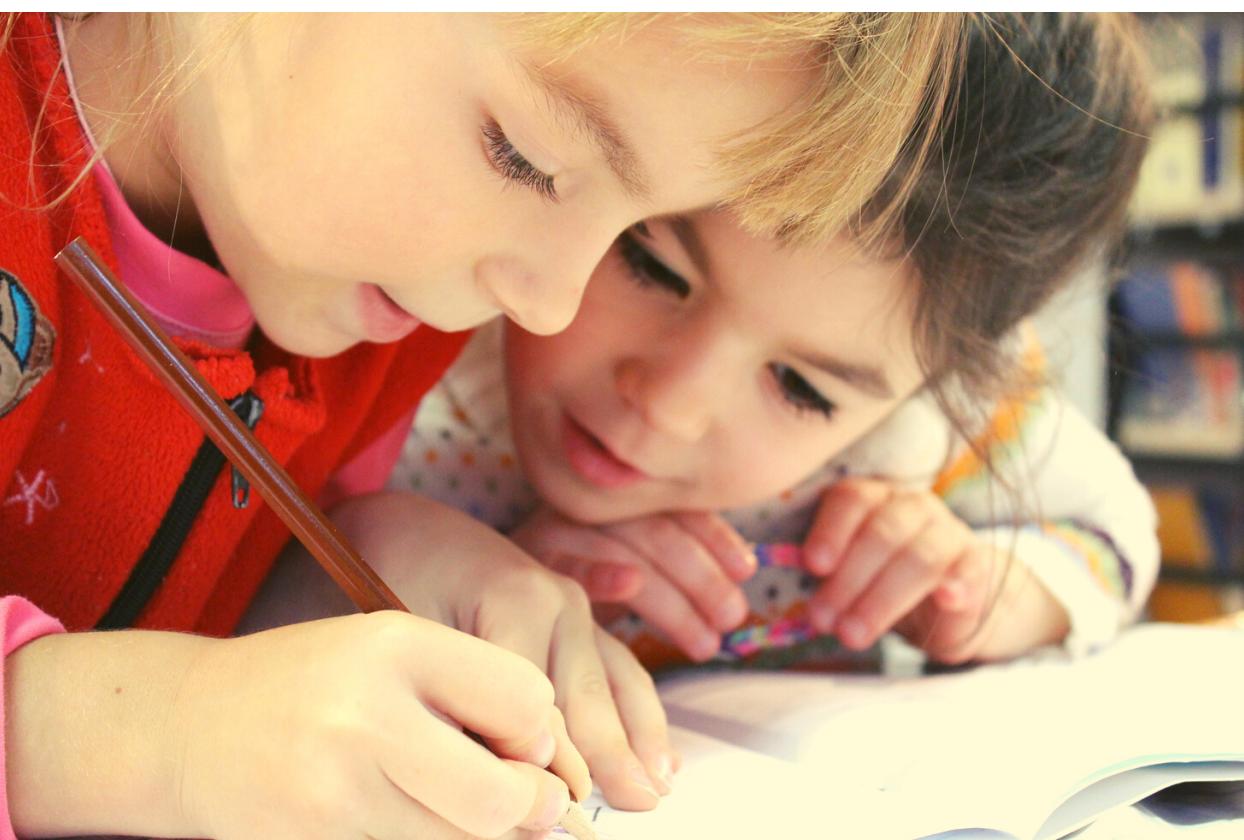
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STEAM education and foreign language learning in Europe

SeLFiE

STEAM Education and Foreign Language Learning in Europe

2020-1-ES01-KA201-081850



OUR PROJECT

Our main objective is to improve the bilingual pre-primary and primary teachers' competencies in the field of CLIL and STEAM; moreover, to improve the science teaching and foreign language competence of children. The integration of the CLIL, IBSE and EDP in Pre-primary and Primary Education will be analysed in order to define a bilingual teacher profile, training and supporting in-service and pre-service teachers in the new methodologies and models developed for learning a second language through STEAM topics. The radically innovative potential of SeLFiE is its ability to integrate the Scientific language – which is simpler and easier to understand than the literary language, and rich in life-related and practical lexicon – and the CLIL framework in ages between 4 and 12. It also gives continuity along the whole compulsory education maintaining the consistency of the learning and teaching processes. SeLFiE develops a joint methodology for CLIL and science education, being that a field to explore need for further implementation and revision.

SeLFiE has a wide-scoped international vocation: the project has the potential to enhance the learning experience on both topics: the STEAM subjects and the second language. Moreover, this enhancement will be evidence-based and validated, facilitating access to interesting resources for promoting autonomous learning. The SeLFiE merges a multi-disciplinary consortium which ensures the competition of all objectives planned and the delivery of all outputs and events.



RESULTS

- Toolkit: revision of good practices in the fields of CLIL and STEAM; a compilation of OERs and educational materials, including co-teaching guidelines. This toolkit will include a methodological framework, based on research results both in CLIL and in integrative approaches in science education.
- ScienceL2 Series: will include brief comments on methodology, and the complete teaching plan (including resources, rubrics, evaluation guidelines, complimentary reading, etc). The series will be developed for different contents, included in the curriculum of the partners.
- ScienceL2 Online repository of materials

- C1: Training course
- E1: Final conference on innovative practices for childhood and primary scientific and bilingual education



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