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in school education



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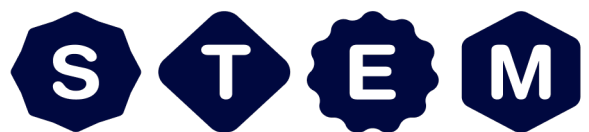
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# TranslAiting



Academics from the Department of Technical Education and Information technology at the Faculty of Education, Palacký University Olomouc, are collaborating as partners in the international Erasmus+ project titled "TranslAiting STEM", running from 2025 to 2028.



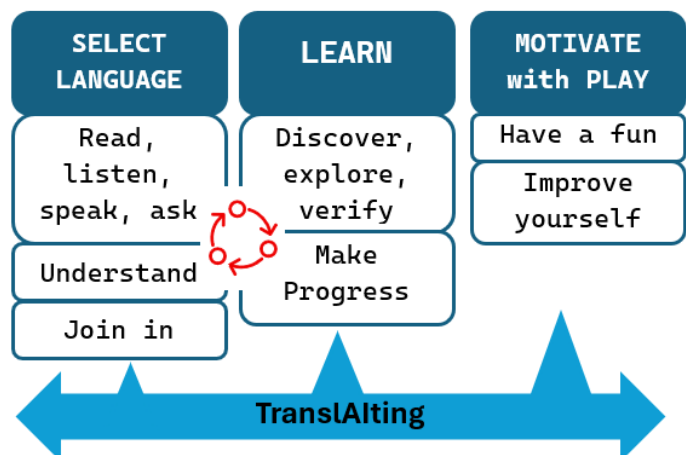
Department of  
Technical Education and  
Information Technology

A team of international experts specialising in linguistics, educational research, STEM education and software development are collaborating on the creation of TranslAiting STEM, an AI-powered digital environment designed to support the development of multilingual and STEM skills among students who do not speak the national language of their country of residence.

The project is based on two research pillars. Experimental research focuses on the language barriers students face in STEM education. Applied research addresses the development of the learning digital environment itself.

The TranslAiting STEM digital environment uses game-based elements to support learning processes based on the principles of discovery, exploration, and verification.

An AI-powered avatar responds in real time in six different languages, helping students to overcome language barriers.



## KTIV team:

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