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**LEGO® Education Innovation Studio**  
UNIVERSITY OF NYÍREGYHÁZA, HUNGARY

LOGICAL - INNOVATION - TRAINING





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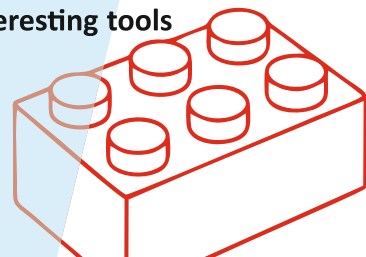


## **LEGO® Education Innovation Studio University of Nyíregyháza**

The LEGO® Education Innovation Studio of the University of Nyíregyháza (NYE-LEIS) aims to familiarize prospective and practicing educators with the methodology of implementing LEGO® tools in education. This centre also serves as a community place, which demonstrate difficult scientific relationships to students, teachers, pupils and parents.

On 29 May 2018, a cooperation agreement was signed between the University of Nyíregyháza and the LEGO® Education International in Belgium. After the signing ceremony, on 17 October 2018, the first LEGO® Education Innovation Studio of the region was handed over right here, at the University of Nyíregyháza. The University of Nyíregyháza takes pride in having established the first LEGO® Education Innovation Studio in Central and Eastern Europe. The Hungarian plant of LEGO® Group, LEGO® Manufacturing Kft., is located in Nyíregyháza, too. The plant cooperates with the University of Nyíregyháza in other respects as well. Thus, LEGO® Manufacturing Kft. has made a large contribution to the establishment of LEGO® Education Innovation Studio.

**LEGO® tools are suitable for widespread use and are highly applicable in education, for example in mathematics, science, as well as in native or foreign language lessons, comprehension and storytelling tasks. In addition, LEGO® sets can be used to teach robotics effectively and they can enrich IT education methods. LEGO® Education kits can be beneficial not only for schoolchildren, since the sets of LEGO® Duplo® elements may be interesting tools for young children even starting at the age of 2.5 years.**





The Studio and the trainings connected to it, aim to familiarise teachers, educators, students and visitors with LEGO® Education methods and educational philosophy at a national level.

By passing on the methodology, we help to create a new pedagogical culture and to improve the participants' digital and methodological competences. Of course, the usage of the LEGO® tools is included in the teacher training programme of the University of Nyíregyháza.

Besides conveying the methodology, the Studio has a research function, as the experts working here strive to elaborate on the theoretical and practical aspects of the applicability of LEGO® methods in education in general.

### Our currently available educational projects are:

Each of our courses is a 30-hour, accredited in-service teacher training, held in the most ideal environment, at the LEGO® Education Innovation Studio of the University of Nyíregyháza, where you can learn the essence of LEGO® Education methodology and thematic toolkits not only through theoretical but also through practical training.

- Project-based knowledge transfer with LEGO® robots-education and training program
- Application of LEGO® Education methodological bases in teaching and educational work





## Our research areas

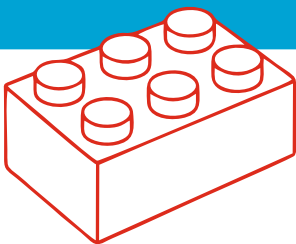
The ongoing and increasingly rapid change in the world implies, among other things, the need for a continual renewal of education. As one of the tools in education and training, LEGO® Education kits are used to help not only mathematics and science subjects, but also native and foreign language education, but even history can diversify Be.

LEGO® Education Kits Motivize learners not only through the game, the "grazing" experience, but also help to improve communication, algorithmic thinking, and emotional, social, and creative competences.

**In the LEGO® Education Innovation Studio of the University of Nyíregyháza** we work to provide a methodological background for the application of LEGO® tools. On the basis of appropriate theoretical knowledge and as widely as possible after practical testing, we will be familiar with the current and future users of LEGO® Education kits.

### Research directions:

- STEM in preschool pedagogy
- LEGO® Education methodology in university courses



[MORE INFORMATION](#)

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