



**HANDS ON
TECHNOLOGY**

YOUNG RESEARCHERS FOCUSING ON BIG ISSUES

The worldwide biggest robot and research tournament *FIRST*[®] LEGO[®] League starts in another new season. Also for the younger participants of the project *FIRST*[®] LEGO[®] League Junior the third season begins within Central Europe. This time the Junior teams will go on a mission to space and explore the living conditions on the moon.

Already the youngest dive deep into the big topics of today's world, try to solve problems with the help of the famous colorful LEGO[®] - bricks and become the researchers of tomorrow! The global educational program *FIRST*[®] LEGO[®] League Junior (FLL Junior) introduces the next FLL generation in a playful and child-oriented way to the STEM (Science, Technology, Engineering, Mathematics) field. Participating is possible for all children between 6 and 10 years, at the present they can register for 37 regional FLL Junior exhibitions in 6 different countries (D, AT, CH, HU, PL, CZ) within Central Europe. In that way, the teams will be part of the 11.500 Junior teams, who take part in the program worldwide in 41 countries and more than 400 exhibitions. In this season teams will explore the expanses of space, as the motto 2018/19 is called „MISSION MOONSM“. Registration starts on the 9th of April 2018 here: <http://www.first-lego-league-junior.org/en/login/login.html>

Accompanied by at least one adult coaches the teams with up to six team members explore seasonal changing problems of the real world. They create a poster that shows their ideas for the seasonal topic and introduces their team. They also build a team model out of LEGO[®] bricks and motorize it by using the LEGO[®] Education Robot Set WeDo / WeDo 2.0. On their "journey" the children learn to work as a team and explore the wonders of science and technology. Apart from the technical skills, the project teaches the children social skills. All teams work with the concept of the *FIRST*[®] Core Values and celebrate exploration, team work and the so called "Gracious ProfessionalismSM". At the end of the project the teams participate at official regional FLL Junior exhibitions, where they present their working results in front of reviewers and other spectators. Each team receives an individual award for an especially marvellous aspect in their work.

In the FLL Junior exhibition season „MISSION MOONSM“ the teams leave for a great journey to the moon, where they explore its existing living conditions. What should we take into account, if we would like to live on the moon? The teams will try to find answers to this and many more questions, that will occur on their adventure to space in the FLL Junior season 2018/19.

Conclusion: *FIRST*[®] LEGO[®] League Junior introduces even the youngest to the big topics of today's world and gives them not only a grounding in technical and programming skills, but teaches them also values like team work and cooperation. In this way *FIRST*[®] LEGO[®] League Junior promotes the next generation of engineers and researchers in a fun and imaginative way!



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Organizer

The association HANDS on TECHNOLOGY e.V. organizes **FIRST® LEGO® League Junior** and **FIRST® LEGO® League** exclusively within Central Europe. The goal of the organization is to awaken enthusiasm among children and youngsters for science and technology and to promote their research drive. The programs of the association teach the children in a playful way the basics of the STEM (Science, Technology, Engineering, and Mathematics) field. In that way the projects support the education of young people in a fun way!

Contact

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