



HANDS ON  
TECHNOLOGY

## YOUNG RESEARCHERS FOCUSING ON BIG ISSUES

The worldwide biggest robot and research tournament *FIRST*<sup>®</sup> LEGO<sup>®</sup> League starts in another new season. Also for the younger participants of the project *FIRST*<sup>®</sup> LEGO<sup>®</sup> League Junior the third season begins within Central Europe. This time the Junior teams will go on a mission to design the buildings of the future!

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<sup>®</sup> - bricks and become the researchers of tomorrow! The global educational program *FIRST*<sup>®</sup> LEGO<sup>®</sup> League Junior introduces the next FIRST LEGO League 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 42 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 challenges that come with designing the buildings of the future as the motto 2019/20 is called „BOOMTOWN BUILD<sup>SM</sup>“. Registration starts on the 8<sup>th</sup> of April 2019 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<sup>®</sup> bricks and motorize it by using the LEGO<sup>®</sup> 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*<sup>®</sup> Core Values and celebrate exploration, team work and the so called "Gracious Professionalism<sup>SM</sup>". 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 FIRST LEGO League Junior exhibition season „BOOMTOWN BUILD<sup>SM</sup>“ the teams leave for a great discovery journey and dive deep into the topic of architecture and the designing of building of the future, that can fulfill all requirements like being accessible to people with all different kinds of needs or buildings, that survive natural disasters. The teams will be busy with finding solutions to those and many more aspects, that will occur in the FIRST LEGO League Junior season 2019/20.

**Conclusion: *FIRST*<sup>®</sup> LEGO<sup>®</sup> 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*<sup>®</sup> LEGO<sup>®</sup> League Junior promotes the next generation of engineers and researchers in a fun and imaginative way!**



## 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

### HANDS on TECHNOLOGY e.V.

Susanne Voigt

Plautstraße 80

04179 Leipzig

Tel.: +49 341 246 1583

E-Mail: [sv@hands-on-technology.org](mailto:sv@hands-on-technology.org)

General Information: [www.first-lego-league-junior.org/en/general](http://www.first-lego-league-junior.org/en/general)

Exhibitions: [www.first-lego-league-junior.org/en/exhibitions](http://www.first-lego-league-junior.org/en/exhibitions)

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