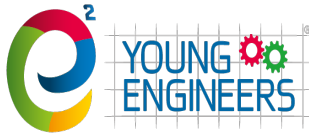


NOVA International SchoolSkopje

After -School Activities



International
School
Skopje



Build Your Tomorrow. Today!

Young Engineers e² is an Israeli license for STEM education present in more than 50 countries worldwide, offering opportunity for life – long learning programs with a focus on Science, Technology, Engineering, and Mathematics using LEGO®, present in Macedonia through Young Engineers Skopje.

Robotics & Innovation Academy is an organization for innovation and entrepreneurship in the education process, to enable interdisciplinary study of science, technology, engineering, art and mathematics (STEAM) and regional partner for FIRST LEGO league and FLL explore in the territory of Republic Macedonia.



ROBOTICS &
INNOVATION
ACADEMY

Young Engineers Skopje Macedonia in collaboration with Robotics & Innovation Academy, offers After – School Activities for NOVA International School through second semester programs in:

WeDo® 2.0 | SPIKE® Essential | SPIKE® Prime | MINDSTORMS® EV3 engages students by providing the resources to design, build and program their robot creations while helping them develop essential skills such as creativity, critical thinking, collaboration and communication through innovative learning approaches.

Robotics and software engineering encourages kids to think creatively, to develop algorithmic thinking, analyse situations, and apply critical thinking and problem-solving skills to real world problems using knowledge acquired in the areas of math, science, and computer coding. Teamwork and cooperation are a cornerstone of every robotics project. Students learn it is acceptable to make mistakes, especially if it leads them to better solutions!

The curriculum, enriched knowledge that the Students will gain, the results that will succeed to achieved with programming, computer thinking and math, are supported by Carnegie Mellon Robotics Academy's.

Monthly Fee: 4 installments of 2800 mkd / Grades: K - 5

World recognition:

- Certificate of excellence by EU Commission for our continuous process of innovation and research in extraordinary educational products that will immensely influence our society and the lives of our precious children.
- Recognized by Carnegie Mellon University iCarnegie
- Recognized by Harvard School of Education
- Won the first prize from Youth Business International
- Statistically proven programs by the Center for Cooperation and Advancement, MASHAV Training Center
- Broke a Guinness World Record by building the “Omer Tower” – 36 meters high, weighing about one ton, consisting of 0.5 million children building bricks at the Rabin Square in Tel Aviv Israel.
- Inspiration for Generations of Global Citizens and helping them to realize their power to build a better future with use of technologies of the future and competing in robotics.

Goals and values:

- computational thinking
- logic
- problem solving
- learn how things work, and create things that work
- learn to anticipate and avoid problems
- structural thinking
- algorithmic thinking
- perseverance
- creativity
- create stuff that works
- necessary skills for the future
- math in action
- outside of the box thinking
- discovering lifelong passion
- future career and good life

Please, direct all inquiries to: info@youngengineers-robotics.com