

Stem Help

The modern world sets challenging tasks for education: learning should be interesting, knowledge should be applicable in practice, learning should take place in an entertaining form, and all this, by all means, should bring good fruits in the future of the child - a high-paying job, self-actualization, high intellectual performance.

Some parents and teachers are still scratching their heads searching for a solution to all these questions, while others are calm about their child's future because they made the right choice in favor of STEM education!

[STEM help](#) stands for Science, Technology, [Engineering](#) and [Mathematics](#).

It is the interconnection and close interaction of those areas of knowledge that allow a child to understand the complex and very interesting world around him in all its diversity. Science is inherently present in the world around us. Technology is penetrating more and more into all aspects of our lives. Engineering is used in the design of road and bridge construction, in global climate change and environmental improvement, and much more. Mathematics, on the other hand, touches every profession, every activity we do in our daily lives.

Thanks to STEM approach children can enter into the logic of occurring phenomena, understand their interconnections, study the world systematically and thus develop their curiosity, engineering style of thinking, ability to overcome critical situations, develop the skill of teamwork and master the basics of management and self-presentation, which, in turn, provide a fundamentally new level of child development.

The Robooky School's STEM-based curriculum includes real-life cases: launching a space rocket, building a bridge, cleaning up oil, assembling a robot, etc. Parsing these cases helps deepen the understanding of life applications of theoretical knowledge. To put it simply, it becomes clear to a child what it is necessary for in life, which means it is interesting, fascinating and useful.

The School of Engineering and Robotics program combines different modules of engineering: construction, marine, aerospace, industrial, etc., and gives children the opportunity to try themselves in completely different professions, which allows solving such an urgent problem as career guidance. And even if the child does not become an engineer in the future, the acquired knowledge and skills will be a significant advantage, because according to statistics, professionals who have received STEM education have a higher income even when they choose a profession not related to STEM.

For those for whom STEM will be the future, the outlook is more than favorable. According to the U.S. Department of Commerce, employment in STEM occupations has grown 17%, while employment in other professions has grown an average of 9.8%.

Professionals in science, technology, engineering, and mathematics play a key role in the sustained growth and stability of a nation's economy and are an important element in helping to maintain any country's global leadership in the future. STEM education teaches critical thinking, increases scientific literacy, and spawns a new generation of innovators and inventors. Innovation leads to new products and processes that support our economy. This innovation and scientific literacy is underpinned by a strong knowledge base in STEM fields. There is no question that most jobs of the future will require a basic understanding of math and science.

MATH HOMEWORK HELP

•**ARCHITECTURE ASSIGNMENT**

•**ENGINEERING HOMEWORK**

•**PHYSICS HOMEWORK**

•**PSYCHOLOGY HOMEWORK**

•**CHEMISTRY HOMEWORK**

•**ASTRONOMY HOMEWORK**