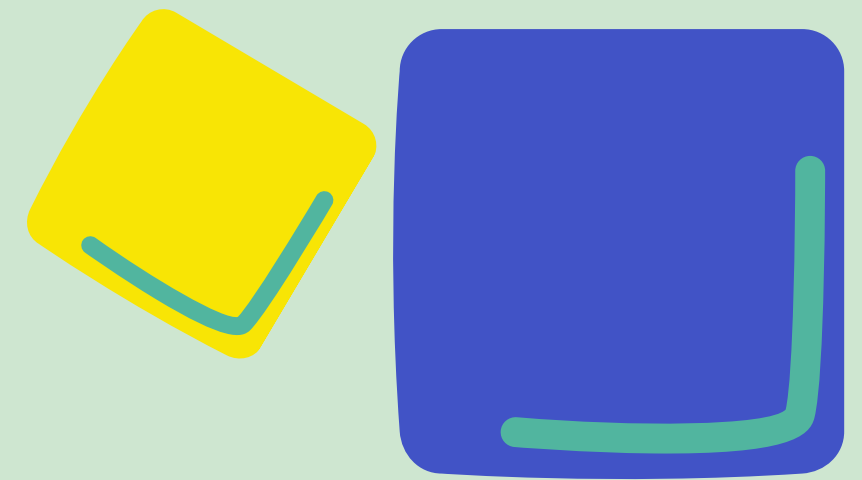


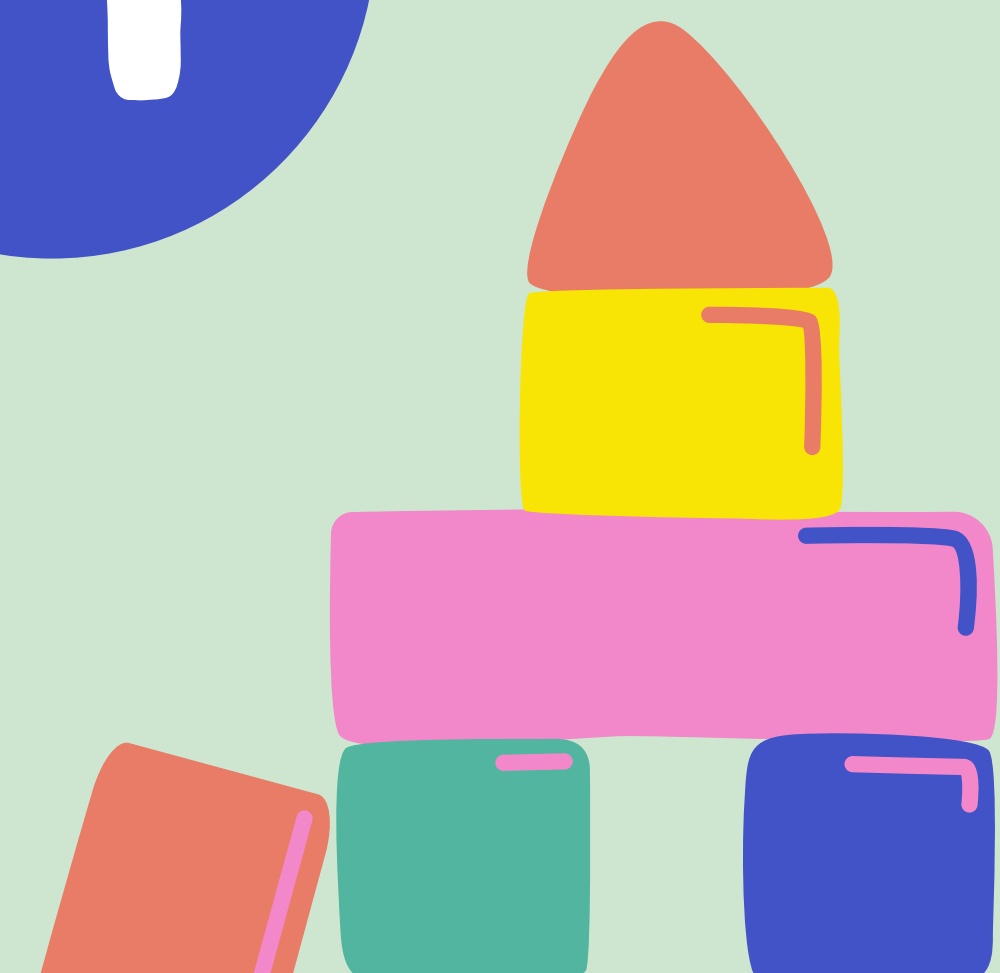
**Tauragė nursery school -
kindergarten "Kodelčius"**



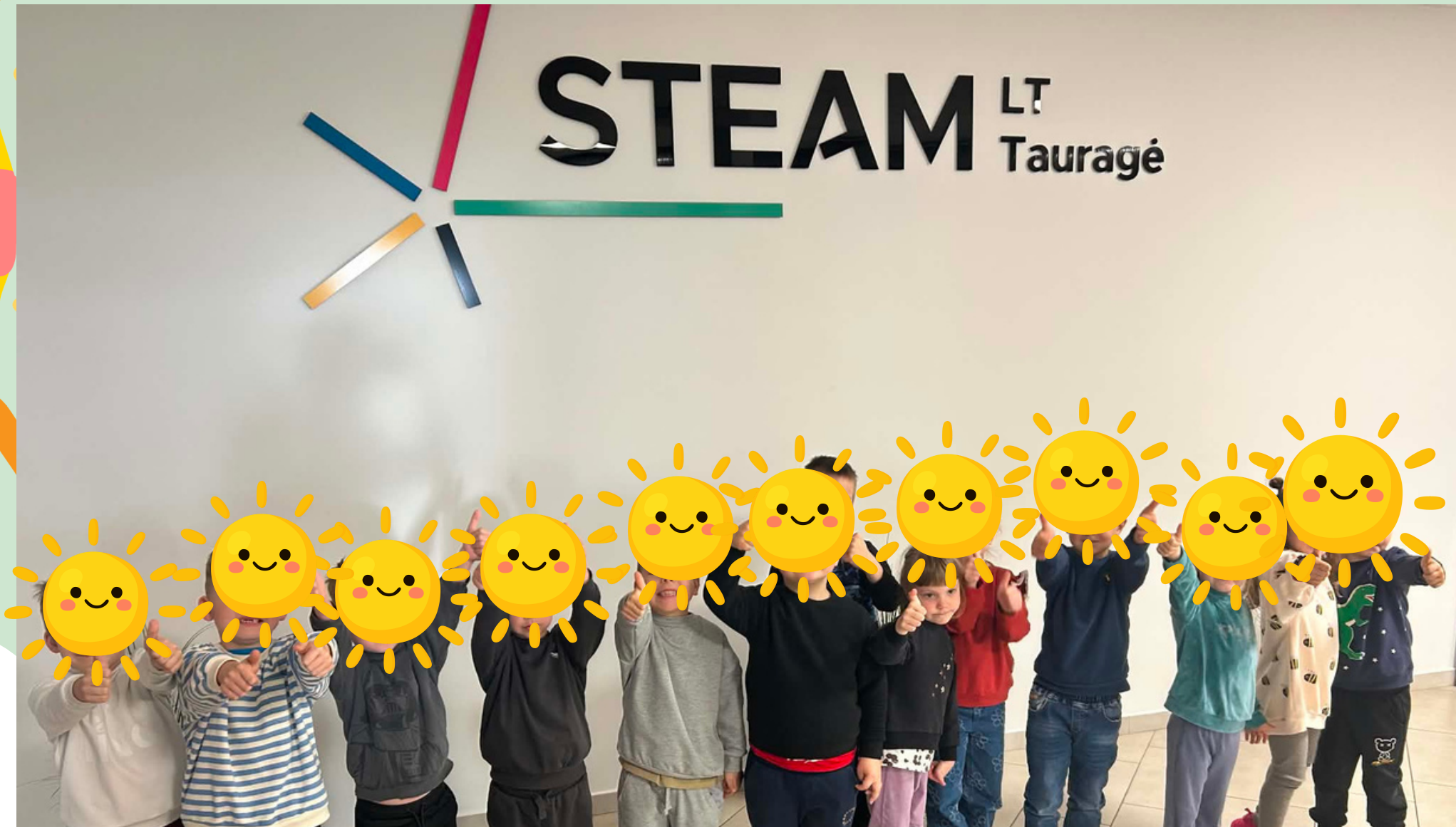
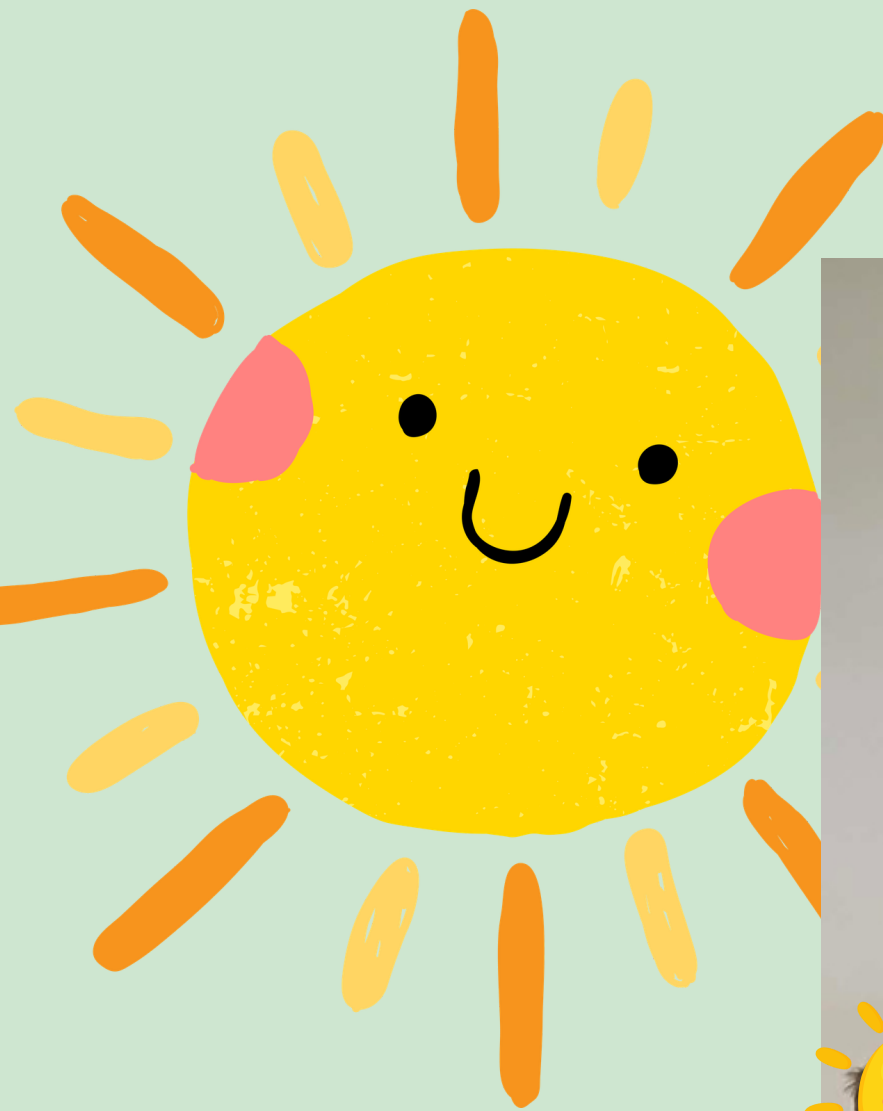
PRACTICAL EXPERIENCE AT THE TAURAGĖ OPEN ACCESS

S T E M

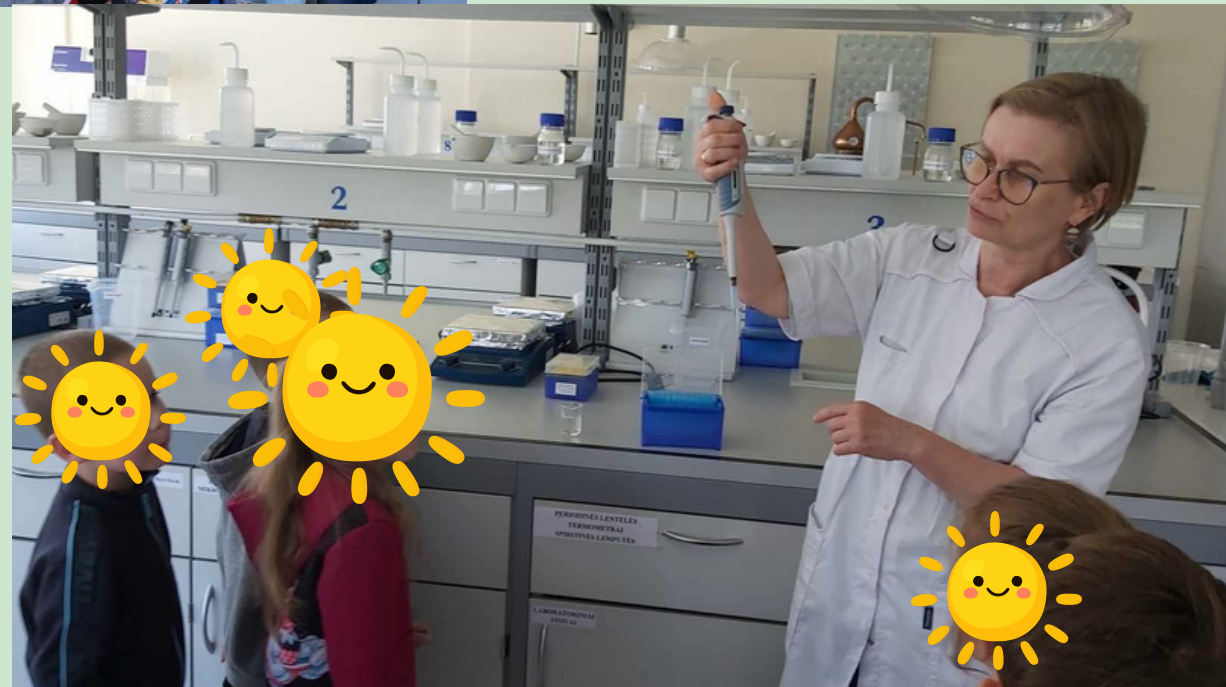
CENTER



Tauragė Open Access STEAM Center is an innovative research and discovery space for students. The center has three specialized laboratories where students perform practical activities. Children from the "Bitues" group with teacher Gintaes and teaching assistant Kristina visited the Tauragė STEAM Center, where they participated in experiential activities



THE NATURAL SCIENCE LABORATORY IS DESIGNED FOR BIOLOGY, CHEMISTRY, PHYSICS, AND GEOGRAPHY RESEARCH USING ADVANCED EQUIPMENT.



In the science laboratory, children got acquainted with and had the opportunity to use advanced laboratory tools and equipment. They conducted interesting experiments with colors. Curiosity, wonder, and joyful emotions accompanied every new experience.

"ROBOTICS WITH LEGO SPIKE ESSENTIAL" WAS TESTED IN THE MECHATRONICS AND ROBOTICS LABORATORY.



Children built models from LEGO bricks and learned to program them. Children developed creativity, strengthened logical thinking, problem-solving and teamwork skills. The greatest joy was the opportunity to see how the created and programmed models move and perform tasks.

IN THE SUSTAINABLE DEVELOPMENT, GREEN AND ALTERNATIVE ENERGY LABORATORY, STUDENTS LEARNED ABOUT CLEAN AND RENEWABLE ENERGY TECHNOLOGIES AND COMPLETED TASKS.



In teams, children built models of wind turbines, improved them if they failed, and observed the energy they generated.

Conclusions

Students were able to get up close and personal with laboratories, research and creative activities, and learn about STEAM education opportunities.

During the activities, critical thinking, problem solving, creativity, teamwork, and investigative skills were developed, encouraging students to become interested in science, technology, and engineering through hands-on experience.

