

Young Engineers - Bricks Challenge

Education + Entertainment = e²dutainment

Monticello Academy - Lochinvar

September - December 2025

- Bricks Challenge K-2nd Grade
- Galilego: 3rd-5th Grade

The overall course objective is to impart theoretical and applied knowledge in the fields of Science, Technology, Mechanical Engineering, and Math (STEM) by using LEGO® and other exciting tools. The main goal of the course is to illustrate content through stories and demonstrations. Our students will learn math and physical principles through intuitive study, develop their independent learning and improve their building skills. Once the concepts have been demonstrated students enjoy hands on building the LEGO® models which provides experiential learning and reinforces the lessons topic. To carry out the building process, students receive a tailor-made kit developed by Young Engineers. **New models are introduced in each session.**

Program Objectives:

- Integrates theoretical material and scientific principles into a LEGO® based project.
- Develop time planning, management, and cooperative teamwork skills.
- Develop creative and inventive thinking among the students.
- Develop the students' motor skills and spatial vision.
- Develop interpersonal communication skills



Session Dates: Sept 8, 15, 22, 29; Oct 6, 13, 20, 27;
Nov 3, 10, 17; Dec 1, 8, 15

Fees: \$420
Every Monday 3:45-4:45 pm

Please drop off your completed form at the front desk. We accept cash or checks (payable to Emika Ventures, LLC) as a form of payment.

Student Name: _____ Grade: _____ Room #: _____

Home Address: _____ City: _____ ZIP: _____

Parent Email: _____ Cell Phone: _____

Parent's Name: _____ Alternate Phone: _____

I give permission for my child to attend the Bricks Challenge Enrichment Program at Monticello Academy, Lochinvar.

Parent/Legal Guardian Signature: _____ Date: _____

See Reverse

Visit Us at: youngengineers.org Contact: 408.421.7843
Email: emikaventures@gmail.com

General Policy Information and Waiver

Please read General Policy Information and Waiver. Sign and return with completed registration form.

Class Size (minimum and maximum) is predetermined by e² Young Engineers to give students the ultimate learning experience and individual attention. Enrollment is not guaranteed without Full Payment. Registrations without full payment will be wait-listed if maximum class size is met with fully paid registrations. If minimum numbers of paid registrations are not met five (5) business days before class starts, parents will be notified that class has been cancelled. Upon cancellation, a full refund will be made.

Refunds will not be issued for non-attendance at a scheduled class. Once a session has started, there will not be any refunds. Cancellations prior to the start of the session after registration will be subject to a \$50 fee.

Missed Classes are not rescheduled. However, we will try to accommodate your child in another class during the same session if there is room in the class.

Student Conduct will be discussed by the instructor with participant on the first day of classes. Students are expected to follow directions, perform to the best of their abilities, and to respect others in the class. If necessary, parents will be informed of any misconduct. e² Young Engineers reserves the right to release, without refund of program fees, any child whose behavior becomes unmanageable. No children will be allowed to intentionally or physically harm any person or their property while class is in session. e² Young Engineers highly discourages students from bringing any LEGO® Bricks or personal LEGO® models to classes. e² Young Engineers is NOT responsible for damages or loss of any personal property while at a class.

The Staff/ Instructors at e² Young Engineers are individuals who have a great interest and ability in teaching Young Engineers programs to students in an exciting way. Each instructor is trained in teaching specific lessons involving the themes in the programs.

Special Needs (physical, mental, or emotional) should be brought to the attention of the instructor prior to registration, in order to provide all of our students with the most effective learning environment at the classes. Information you give us will be kept in strictest confidence. If special assistance is required during the class time, parents/guardians must provide similar assistance for his/her child at the class venue as well.

Late Child Pick-up will accrue additional charges after a 10-minute grace period. It is important that students are picked up on time. Authorized Parents/Caregivers must sign children out of programs. The only people that your child will be released to are those listed on your information form. All persons authorized to pick up students must be at least 18 years of age. If someone other than a parent will pick up the child, please give us prior written notice.

Models built in the class or pieces used in the class are not allowed to be taken home as we use LEGO® supplies in the classes.

WAIVER : Although the safety and well-being of your child is our top priority at e² Young Engineers programs, we, (e² Young Engineers, Emika Ventures LLC and its members, Monticello Academy, volunteers, consultants, and staff) will not be responsible for and will be forever RELEASED from any injury(ies), claims, death to the above mentioned participant while using any facility or equipment and/or any other liability arising from your child's attendance and participation in our services and programs at e² Young Engineers, and/or for any lost property left behind by your child or in any way associated with participating in the e² Young Engineers program now or in the future, resulting from the ordinary negligence of e² Young Engineers, its agents and employees. By signing this waiver form, you on behalf of yourself, your family, your heirs, and your assigns, agree to indemnify and hold harmless from any and all injury (ies), claims, causes of action, and/or liability arising from your child's attendance and participation in our services and programs the above-mentioned RELEASEES at Emika Ventures, LLC /e² Young Engineers. You further affirm that you understand the contents of this agreement and are free to choose not to participate in said program or make use of said services. By signing this Waiver you affirm that you have decided to allow your child to participate in programs and services provided at e² Young Engineers with the full knowledge that the RELEASEES will not be liable to anyone for personal injuries and property damage your child may suffer while at e²Young Engineers. Thank you for your support. It is a pleasure to welcome your child to e² Young Engineers.

I understand that this registration system is provided by Emika Ventures, LLC /e² Young Engineers for my benefit and the benefit of the organization sponsoring the event I am registering for. I understand that Emika Ventures, LLC /e² Young Engineers does not sell, rent or share my information with anyone else. I also understand that Emika Ventures, LLC / e²Young Engineers is not liable for the way this information is used by the organizers or any third-party that might get access to this information.

Parent/Guardian Name: _____

Student Name: _____

Signature: _____ Date: _____