

THE DUPAGE REGIONAL OFFICE OF EDUCATION

2026-27 STEM OUTREACH PROGRAM

Program Highlights

- Sessions are conducted by DuPage ROE STEM Squad members at your junior high or middle school.
- Each after-school session runs about one hour, but time can be adjusted to fit your schedule.
- One or two of the school's teachers must be present to assist and will be paid a modest stipend.
- All supplies provided.

Questions?
Contact Namrata Pandya
npandya@dupageroe.org



Amber Quirk
Regional Superintendent
DuPage County Schools

421 N. County Farm Road
Wheaton, IL 60187
630.407.5800



The DuPage Regional Office of Education ROE STEM Outreach Program engages DuPage middle and junior high school students in informal, after-school STEM learning activities designed to increase STEM-related interest and skills. These opportunities also assist schools as they develop their own after-school STEM Clubs and events. This program is offered at NO COST to the schools!

If you schedule and need to cancel for any reason, we request a 48-hour courtesy notification.

Email: Namrata Pandya - npandya@dupageroe.org for more information or to schedule.

2026	Bubble Mania Students will create soap bubbles and observe them. They will experiment with different mixtures and wands to create different types of bubbles: long-lasting, compound, large. Offered: Sept. 22, Sept. 24, Sept. 29	Catapults After a short discussion of catapults, students will follow a schematic to build a PVC catapult. In small groups, they will experiment with launch angles, and projectiles as they attempt to hit targets. Requires the use of a large open space or hallway. Offered: Oct. 13, Oct. 15, Oct 20
	Binary Beams Did you know your emails, texts, videos, and online games can travel as flashes of light ? Computers turn information into 1s and 0s and send it through fiber optic cables at incredible speeds—across towns, countries, and even oceans! Try it yourself! Learn how to send messages through fiber optic cables using a laser pointer . Offered: Nov. 10, Nov 12, Nov 17	Cubelets Use these SMART building blocks (Cubelets) to create countless robot constructions with the help of three basic types of Cubelets; one that senses, one that thinks, and one that acts. Offered: Dec. 8, Dec 10, Dec 15
2027	Make It Move How can you make a car move, without an engine? Would Newton's Laws apply to a balloon car? Try building a balloon car to find out. Then race your car to see which ones go the straightest and farthest. Offered: Jan 12, Jan 14, Jan 19	Stomp Rockets Students will design and construct a paper stomp rocket using the engineering design process. Explore how force, air pressure, and aerodynamics affect the motion of rockets. Use mathematical tools to measure rocket distance, height, and flight stability. Offered: Mar 9, Mar 11, Mar 16
	Algorithm Adventures: Steps, Loops, & Logic Algorithms are like secret recipes for computers! They use steps to follow instructions, loops to repeat things, and logic to choose what to do next. We dare you to follow the steps, byte by byte! Offered: Apr 13, Apr 15, Apr 20	