

The DuPage Regional Office of Education Presents

2026-27 STEM - IT'S ELEMENTARY!

Enjoy the glimpses of some of our work in DuPage County.



Questions?
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The DuPage Regional Office of Education STEM Squad is excited to offer this program designed for K-5 teachers in DuPage County. There is **NO CHARGE** for this program! The program engages teachers to help plan a lesson on a topic listed below. STEM Squad members will present the lesson to the teacher's students during the school day. After the initial session, teachers will have the opportunity to provide feedback and to schedule another session. During the second session the teacher will take the lead while the STEM Squad members will be there to provide support. For any subsequent presentations, teachers may request the use of STEM Squad supplies.

Offered throughout the school year, these lessons can be scheduled at a time that best matches your classroom work. We will do our best to accommodate your schedule, however, please note that we work on a first come, first served basis. Lessons must be scheduled at least three weeks in advance.

The lessons are designed to align with standards, complement the work teachers are doing in their classrooms, and to serve as a starting point for the development of additional lessons. This year's offerings include the following.

Survivor Students will learn about structure design as they build shelters from simple materials that can withstand rain, wind, etc.	It's Crystal Clear: STEM Matters Students grow borax crystals to exemplify the states of matter; they will physically model the 3 states of matter with their movement. Facilitators will discuss the states of matter before and after the activities.
Make Your Own Music By constructing and testing a harmonica, and percussion instruments, students will learn about vibration and sound.	Morphing Models A variety of designs can be made from the exact same materials. Students will use materials such as Keva planks and Box Lox to demonstrate this concept.
Electrifying Energy Students will learn about simple circuits and electrical energy by using snap circuits, circuit mazes, and energy balls and sticks.	Metric Olympics By participating in activities such as the paper plate discus and drinking straw javelin throw, students will learn about and practice measurement and data collection.
Numbers: Mystery Solved Numbers can be mysterious until we realize they say so much. Students will use Tenzi dice and colored blocks to solve the mystery of numbers and what they tell us.	WOW! Reflecting on Symmetry Tie symmetry into their world! Using kinesthetic and observational activities, your students will learn to identify examples of linear and rotational symmetry all around them.
Attracted to STEM Students will learn about the attractive and repulsive forces exerted by magnets through a number of hands-on activities.	Bad Rainbows Go to Prism Students will use colored lights to investigate the additive, reflective, and absorptive nature of different colors of light. They will also investigate the nature of light as a wave.