

LocknCharge Helps Small Town Deliver Big Impact through STEM Programs

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Background

Edgerton, Wisconsin is a small town of just over 5,500 people; with a [school system](#) that boasts well rounded and accomplished graduates year after year. A system committed to academics, well-maintained facilities, arts, athletics and, of course, technology.

The district, made up of four schools, not only remains up-to-date with technological developments, but also paves the way for students to incorporate tech into their learning. Students are using mobile devices to be introduced to computer coding skills, app development, math strategies, presentation display and Internet safety.

There are two Elementary STEM Centers in Edgerton – learning spaces for students in grades K-5 to experience Science, Technology, Engineering and Math curriculum. These learning experiences encourage problem solving and critical thinking, and serve children at the universal level – meaning they've been carefully developed to give students flexibility, empowerment and ultimately, an equal opportunity to succeed.

One of the teachers leading the charge is Sheila Fox. "We are hoping to encourage children to use mobile devices in a smart and safe way and also to expose them to the advantages that devices can have on their learning environment," said Fox.



[Sphero robots](#) are one of the educational tools Fox and her colleagues are utilizing to give students a variety of learning modes with visual, tactile and auditory applications.

Challenge

With new technology comes new responsibility and logistics. When the Edgerton School District staff first introduced Sphero robots to their STEM Experiences, charging and safety were their top concerns. They needed to maintain safe, student-friendly learning stations. They also knew they'd need to share and transport the devices between the two Centers and beyond.

Solution

The [Sphero Charging Case™ by LocknCharge](#) is tailored precisely to these needs. It accommodates up to six Sphero BOLT or Sphero SPRK+ robots, along with their inductive charging bases, tools and accessories in a compact and neat hand-held container.

"The Charging Case has been exactly what we were hoping. It has allowed a safe space for storage and is very versatile to move from one classroom space to another learning environment," said Fox.

The Case prevents unwanted clutter and tripping hazards that exposed cords can create, which is vital in classrooms that are often tight to begin with. Open architecture design lets you see that all devices are in place, which in turn means they'll be charged and ready to work, learn and play.

Strong aluminum, a keyed lock and a lifetime warranty are matched with a lightweight, compact design easy enough for children to carry around, which helps get them ready to work, learn and play, too.

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